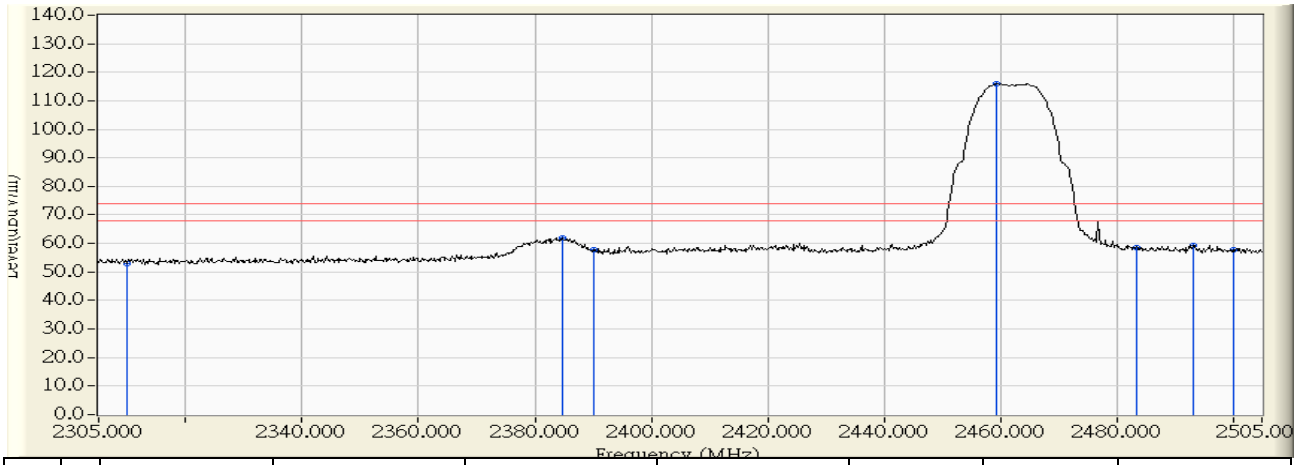
| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/27 - 10:06** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11b_2462MHz** |

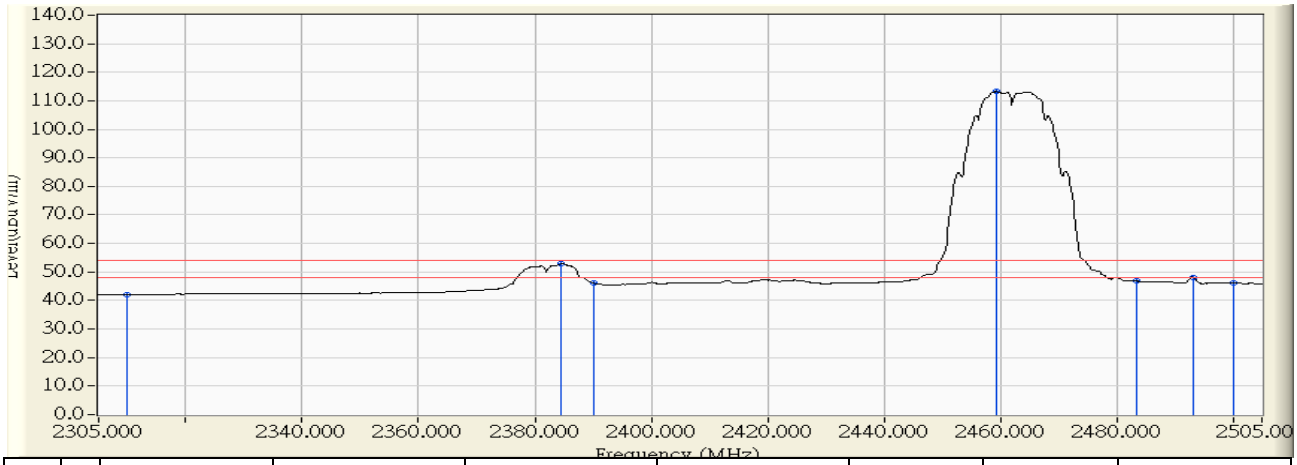



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 22.950 | 53.009 | -20.991 | 74.000 | PEAK |
| 2 | | 2384.800 | 30.834 | 31.083 | 61.917 | -12.083 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 26.883 | 57.771 | -16.229 | 74.000 | PEAK |
| 4 | * | 2459.400 | 31.608 | 84.448 | 116.056 | 42.056 | 74.000 | PEAK |
| 5 | | 2483.500 | 31.858 | 26.832 | 58.690 | -15.310 | 74.000 | PEAK |
| 6 | | 2493.200 | 31.958 | 27.305 | 59.264 | -14.736 | 74.000 | PEAK |
| 7 | | 2500.000 | 31.988 | 25.809 | 57.798 | -16.202 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/27 - 10:05** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11b_2462MHz** |

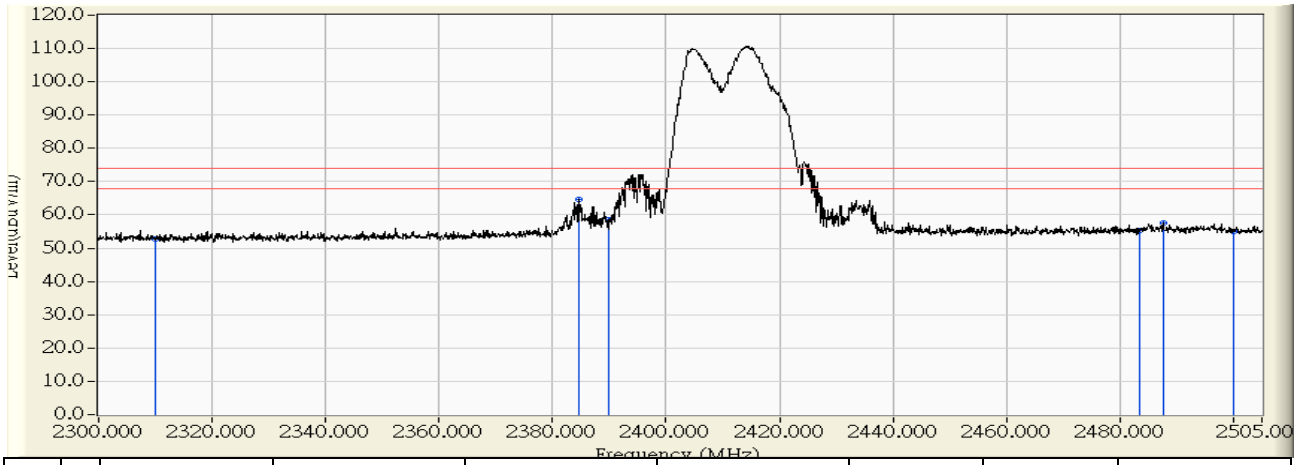



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.079 | 42.138 | -11.862 | 54.000 | AVERAGE |
| 2 | | 2384.400 | 30.830 | 21.920 | 52.750 | -1.250 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 15.247 | 46.135 | -7.865 | 54.000 | AVERAGE |
| 4 | * | 2459.400 | 31.608 | 81.723 | 113.331 | 59.331 | 54.000 | AVERAGE |
| 5 | | 2483.500 | 31.858 | 14.901 | 46.759 | -7.241 | 54.000 | AVERAGE |
| 6 | | 2493.200 | 31.958 | 16.259 | 48.218 | -5.782 | 54.000 | AVERAGE |
| 7 | | 2500.000 | 31.988 | 14.224 | 46.213 | -7.787 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 00:39** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2412MHz** |

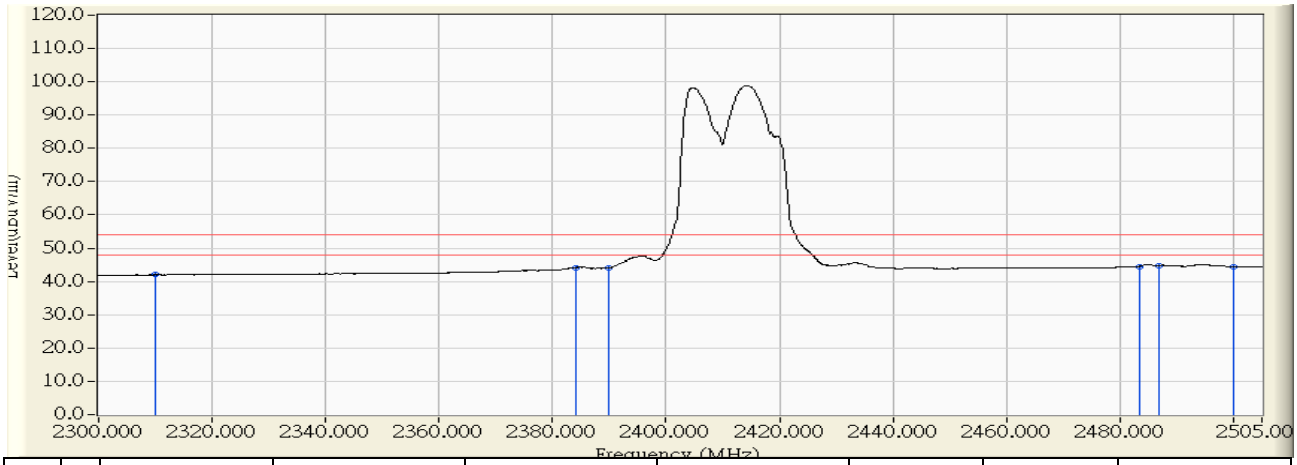



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 22.802 | 52.861 | -21.139 | 74.000 | PEAK |
| 2 | * | 2384.562 | 30.832 | 33.710 | 64.542 | -9.458 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 27.585 | 58.473 | -15.527 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 23.317 | 55.175 | -18.825 | 74.000 | PEAK |
| 5 | | 2487.575 | 31.901 | 25.760 | 57.660 | -16.340 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 23.123 | 55.112 | -18.888 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 00:39** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2412MHz** |

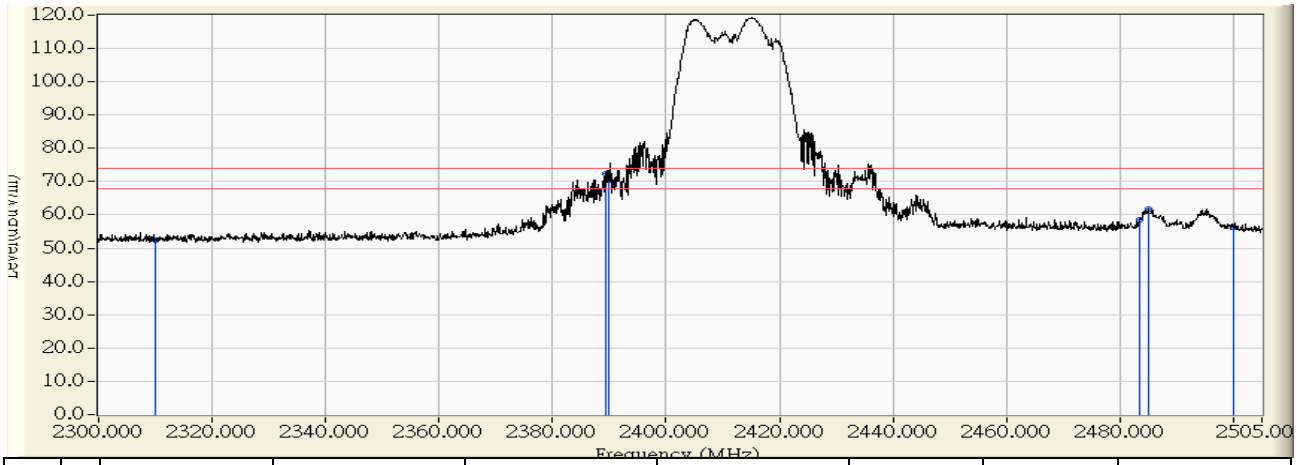



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.936 | 41.995 | -12.005 | 54.000 | AVERAGE |
| 2 | | 2384.050 | 30.826 | 13.225 | 44.052 | -9.948 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 13.170 | 44.058 | -9.942 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 12.680 | 44.538 | -9.462 | 54.000 | AVERAGE |
| 5 | * | 2486.755 | 31.892 | 12.877 | 44.769 | -9.231 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 12.457 | 44.446 | -9.554 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 00:33** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2412MHz** |

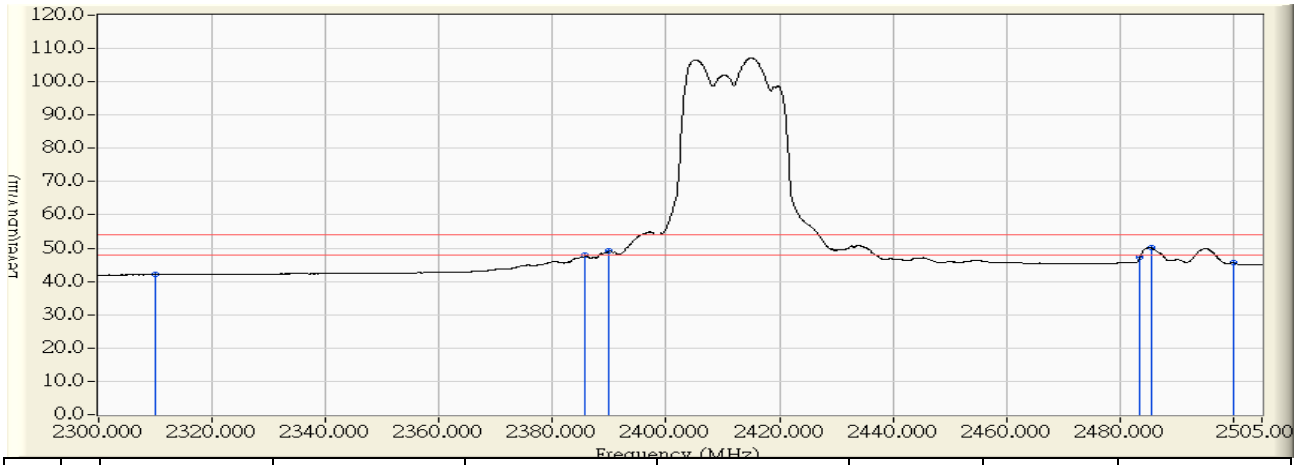



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 22.433 | 52.492 | -21.508 | 74.000 | PEAK |
| 2 | * | 2389.482 | 30.883 | 41.356 | 72.239 | -1.761 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 39.722 | 70.610 | -3.390 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 26.755 | 58.613 | -15.387 | 74.000 | PEAK |
| 5 | | 2485.012 | 31.874 | 29.958 | 61.832 | -12.168 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 24.304 | 56.293 | -17.707 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 00:35** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2412MHz** |

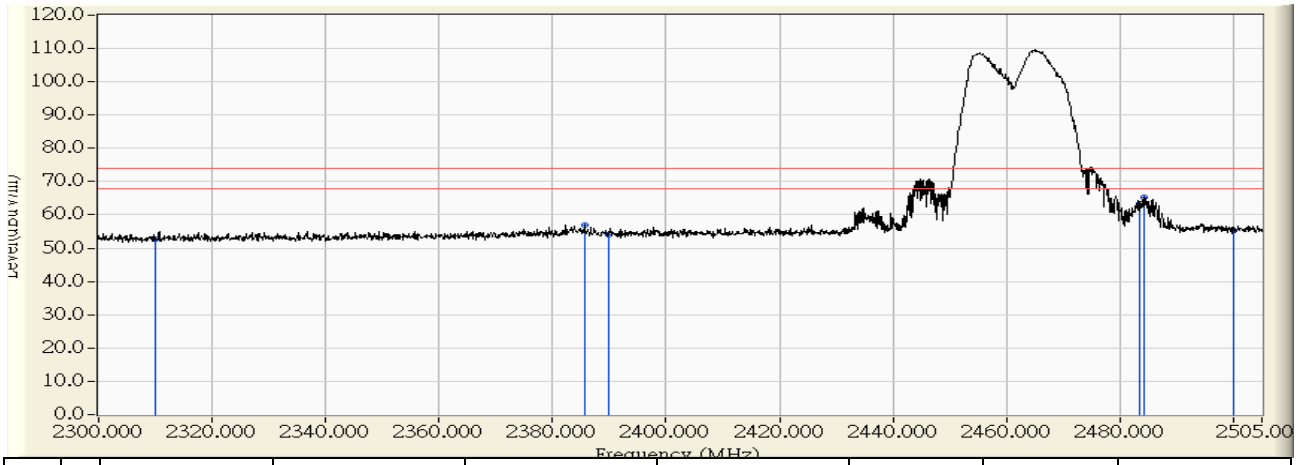



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.983 | 42.042 | -11.958 | 54.000 | AVERAGE |
| 2 | | 2385.690 | 30.843 | 16.957 | 47.801 | -6.199 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 18.175 | 49.063 | -4.937 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 15.282 | 47.140 | -6.860 | 54.000 | AVERAGE |
| 5 | * | 2485.423 | 31.878 | 18.201 | 50.079 | -3.921 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 13.563 | 45.552 | -8.448 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 01:09** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2462MHz** |

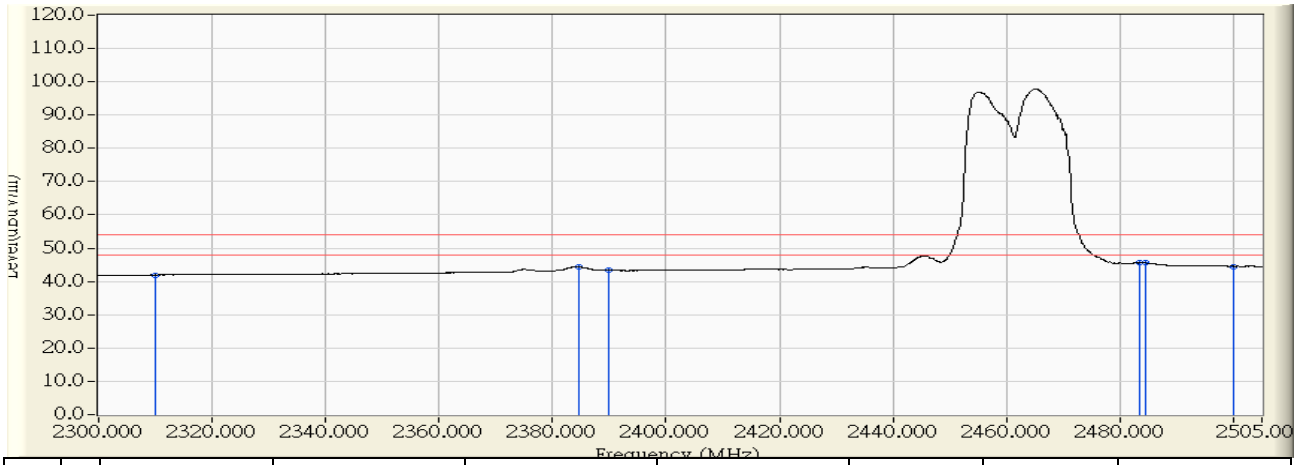



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 22.851 | 52.910 | -21.090 | 74.000 | PEAK |
| 2 | | 2385.587 | 30.842 | 25.968 | 56.811 | -17.189 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 23.265 | 54.153 | -19.847 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 31.416 | 63.274 | -10.726 | 74.000 | PEAK |
| 5 | * | 2484.192 | 31.866 | 33.337 | 65.202 | -8.798 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 23.499 | 55.488 | -18.512 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 01:10** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g _2462MHz** |

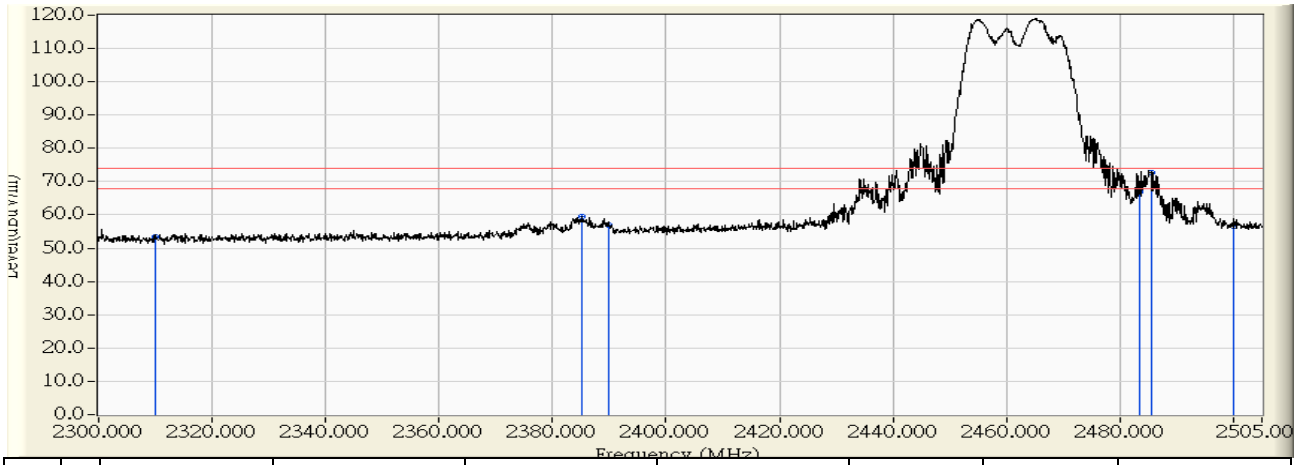



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.909 | 41.968 | -12.032 | 54.000 | AVERAGE |
| 2 | | 2384.562 | 30.832 | 13.533 | 44.365 | -9.635 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 12.446 | 43.334 | -10.666 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 13.743 | 45.601 | -8.399 | 54.000 | AVERAGE |
| 5 | * | 2484.397 | 31.867 | 13.783 | 45.650 | -8.350 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 12.561 | 44.550 | -9.450 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 01:03** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2462MHz** |

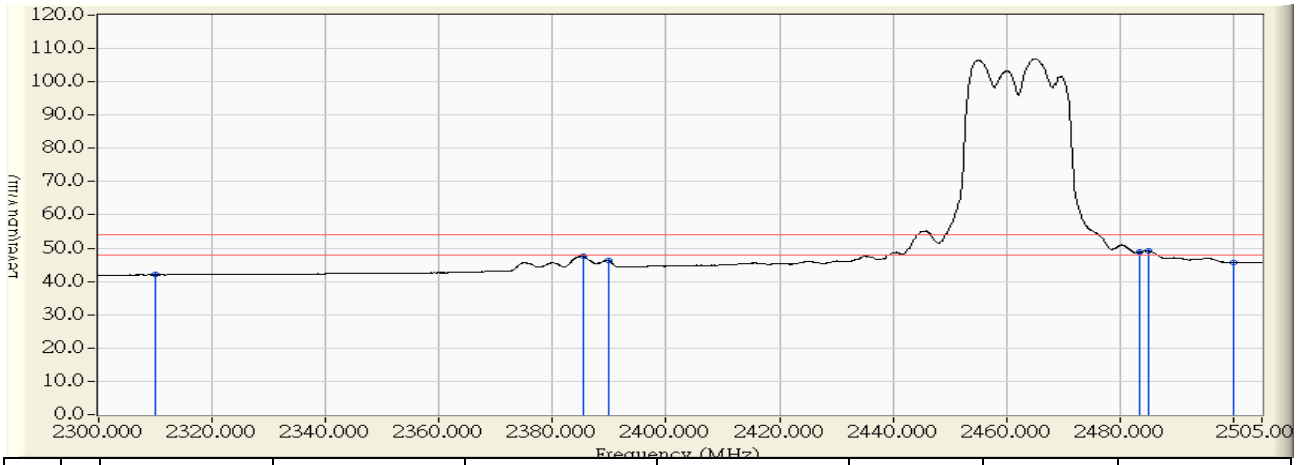



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.225 | 53.284 | -20.716 | 74.000 | PEAK |
| 2 | | 2385.280 | 30.840 | 28.698 | 59.537 | -14.463 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 26.093 | 56.981 | -17.019 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 35.083 | 66.941 | -7.059 | 74.000 | PEAK |
| 5 | * | 2485.423 | 31.878 | 40.982 | 72.860 | -1.140 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 24.568 | 56.557 | -17.443 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 01:05** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11g_2462MHz** |

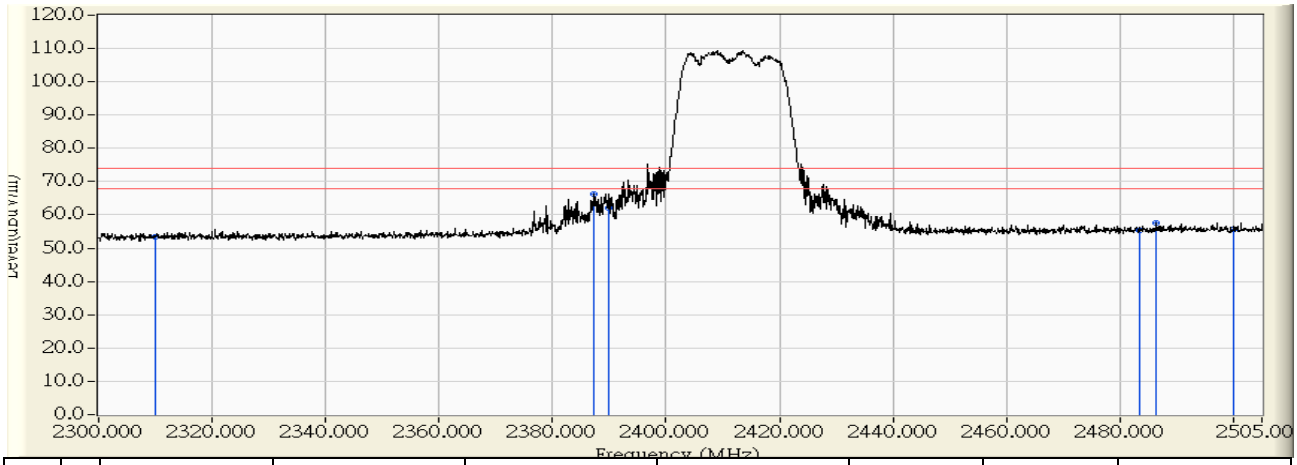



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.933 | 41.992 | -12.008 | 54.000 | AVERAGE |
| 2 | | 2385.383 | 30.841 | 16.626 | 47.466 | -6.534 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 15.291 | 46.179 | -7.821 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 17.038 | 48.896 | -5.104 | 54.000 | AVERAGE |
| 5 | * | 2484.910 | 31.872 | 17.374 | 49.247 | -4.753 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 13.784 | 45.773 | -8.227 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 01:27** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n20M_2412MHz** |

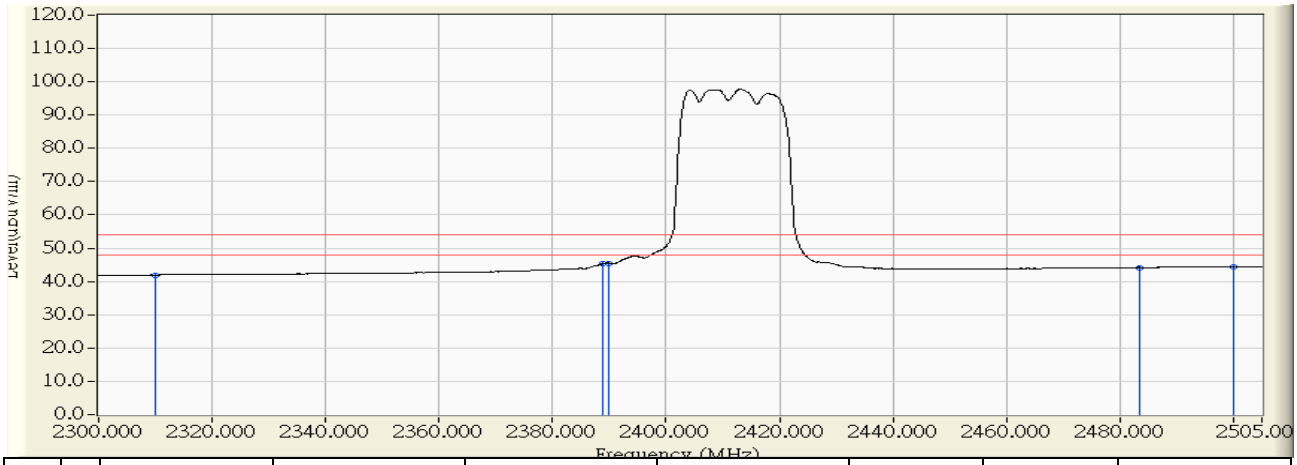



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.481 | 53.540 | -20.460 | 74.000 | PEAK |
| 2 | * | 2387.330 | 30.860 | 35.401 | 66.262 | -7.738 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 31.108 | 61.996 | -12.004 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 23.371 | 55.229 | -18.771 | 74.000 | PEAK |
| 5 | | 2486.448 | 31.888 | 25.609 | 57.498 | -16.502 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 23.563 | 55.552 | -18.448 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 01:28** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n20M_2412MHz** |

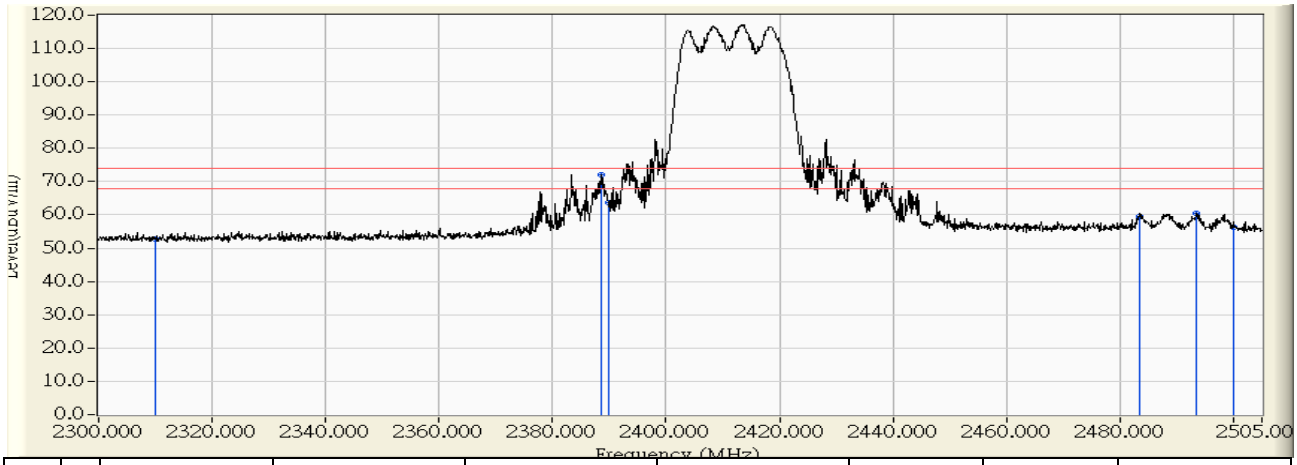



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.896 | 41.955 | -12.045 | 54.000 | AVERAGE |
| 2 | | 2388.867 | 30.877 | 14.383 | 45.260 | -8.740 | 54.000 | AVERAGE |
| 3 | * | 2390.000 | 30.888 | 14.588 | 45.476 | -8.524 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 12.357 | 44.215 | -9.785 | 54.000 | AVERAGE |
| 5 | | 2500.000 | 31.988 | 12.331 | 44.320 | -9.680 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 01:22** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n20M _2412MHz** |

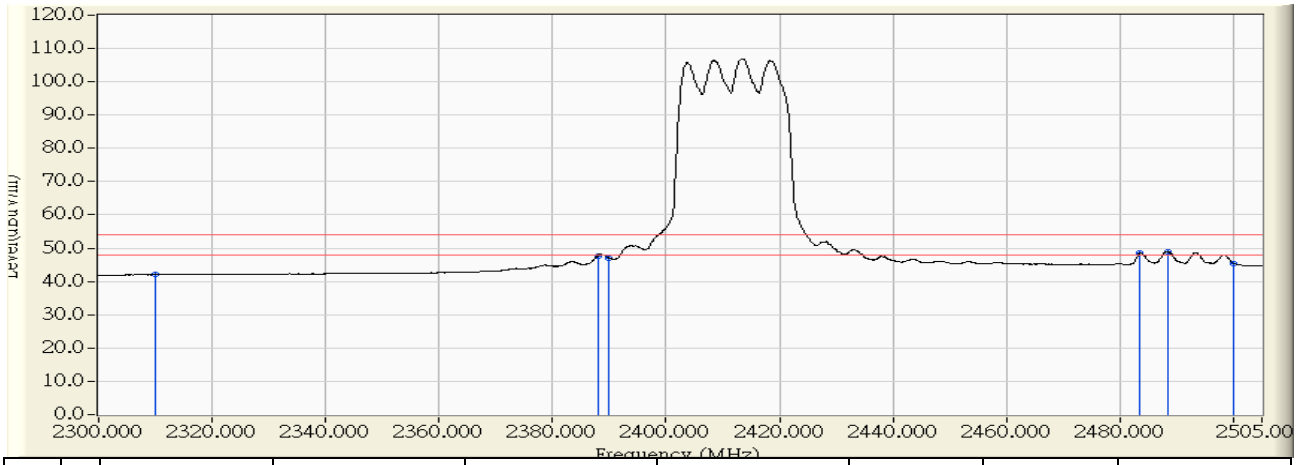



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 22.781 | 52.840 | -21.160 | 74.000 | PEAK |
| 2 | * | 2388.458 | 30.873 | 41.078 | 71.950 | -2.050 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 32.841 | 63.729 | -10.271 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 27.803 | 59.661 | -14.339 | 74.000 | PEAK |
| 5 | | 2493.520 | 31.961 | 28.509 | 60.471 | -13.529 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 24.429 | 56.418 | -17.582 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 01:24** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n20M_2412MHz** |

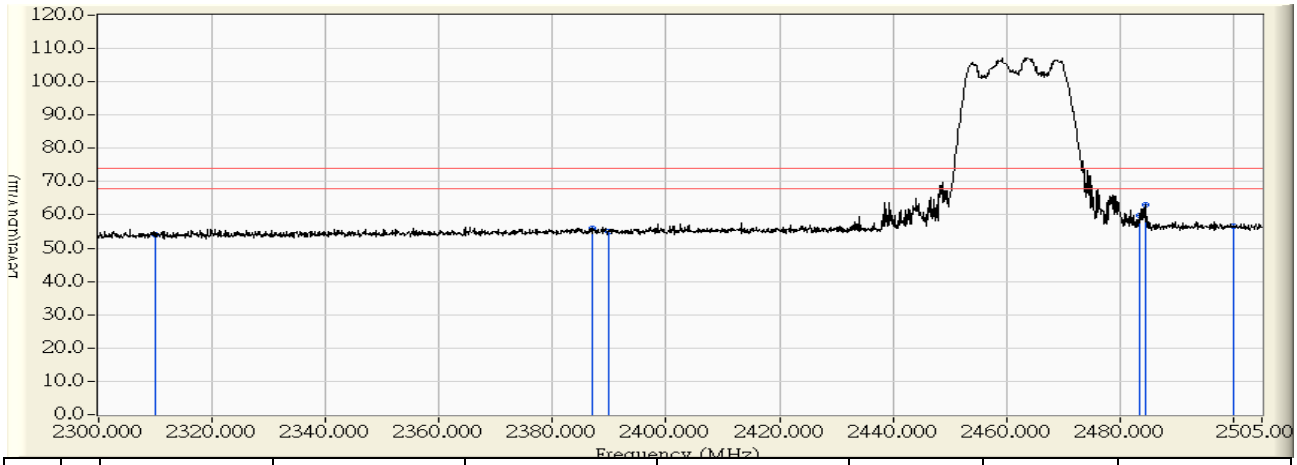



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.954 | 42.013 | -11.987 | 54.000 | AVERAGE |
| 2 | | 2387.945 | 30.867 | 16.897 | 47.764 | -6.236 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 16.129 | 47.017 | -6.983 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 16.648 | 48.506 | -5.494 | 54.000 | AVERAGE |
| 5 | * | 2488.395 | 31.908 | 17.057 | 48.966 | -5.034 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 13.407 | 45.396 | -8.604 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 02:07** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n20M_2462MHz** |

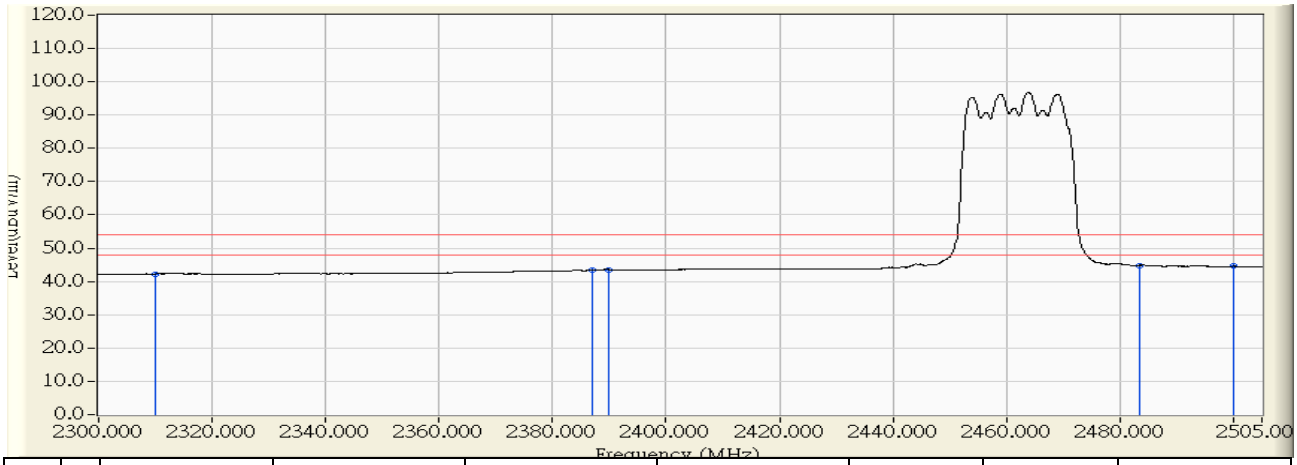



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.908 | 53.967 | -20.033 | 74.000 | PEAK |
| 2 | | 2387.022 | 30.858 | 24.986 | 55.843 | -18.157 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 24.200 | 55.088 | -18.912 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 28.035 | 59.893 | -14.107 | 74.000 | PEAK |
| 5 | * | 2484.397 | 31.867 | 31.320 | 63.187 | -10.813 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 24.671 | 56.660 | -17.340 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 02:08** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n20M_2462MHz** |

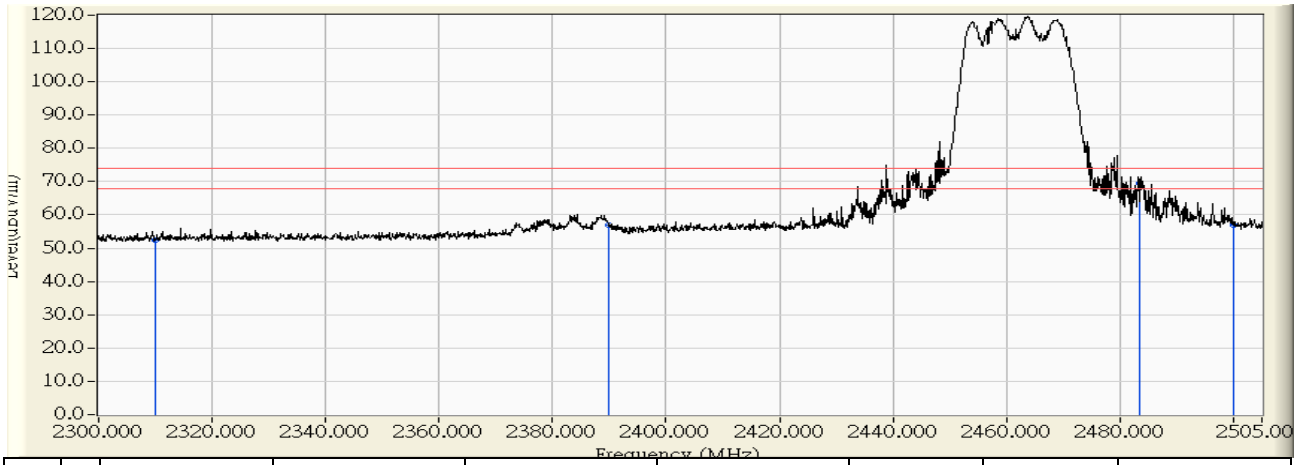



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.229 | 42.288 | -11.712 | 54.000 | AVERAGE |
| 2 | | 2386.920 | 30.857 | 12.549 | 43.405 | -10.595 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 12.698 | 43.586 | -10.414 | 54.000 | AVERAGE |
| 4 | * | 2483.500 | 31.858 | 13.019 | 44.877 | -9.123 | 54.000 | AVERAGE |
| 5 | | 2500.000 | 31.988 | 12.577 | 44.566 | -9.434 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 01:57** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n20M_2462MHz** |

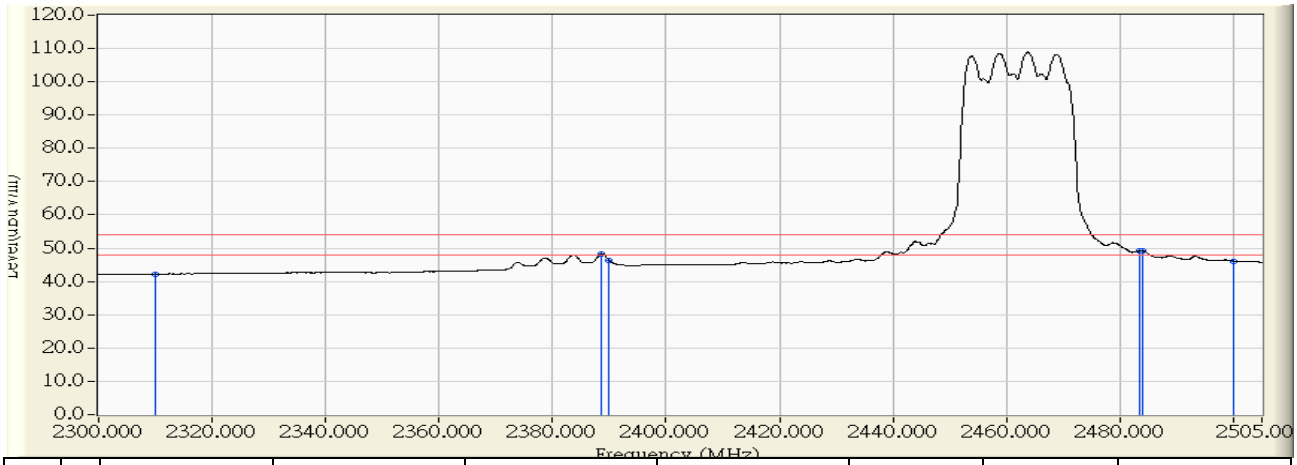



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 22.294 | 52.353 | -21.647 | 74.000 | PEAK |
| 2 | | 2390.000 | 30.888 | 26.211 | 57.099 | -16.901 | 74.000 | PEAK |
| 3 | * | 2483.500 | 31.858 | 37.670 | 69.528 | -4.472 | 74.000 | PEAK |
| 4 | | 2500.000 | 31.988 | 24.955 | 56.944 | -17.056 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 01:59** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n20M _2462MHz** |

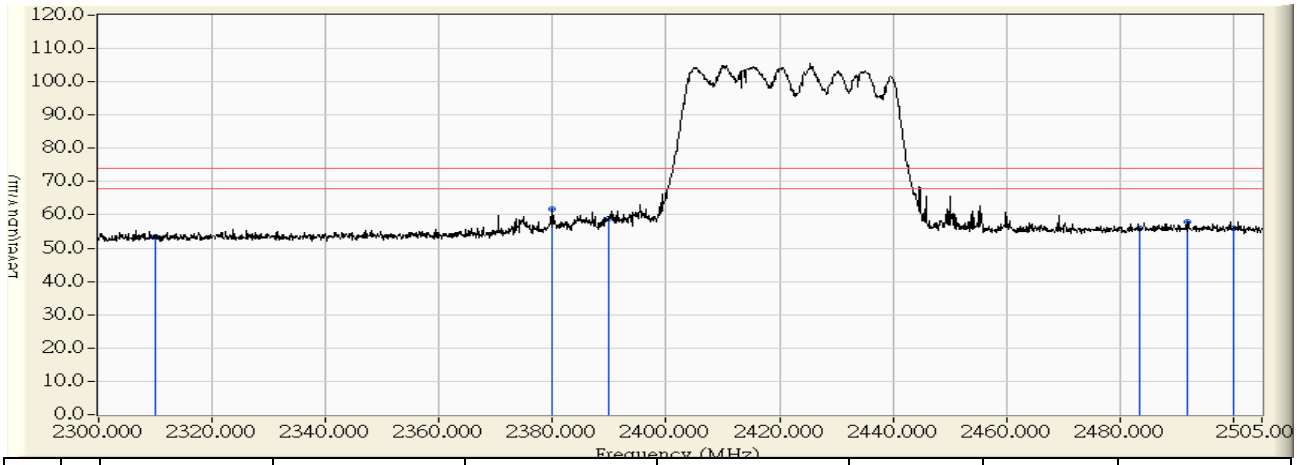



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.163 | 42.222 | -11.778 | 54.000 | AVERAGE |
| 2 | | 2388.560 | 30.874 | 17.395 | 48.268 | -5.732 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 15.349 | 46.237 | -7.763 | 54.000 | AVERAGE |
| 4 | * | 2483.500 | 31.858 | 17.483 | 49.341 | -4.659 | 54.000 | AVERAGE |
| 5 | | 2483.885 | 31.862 | 17.405 | 49.267 | -4.733 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 14.128 | 46.117 | -7.883 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 02:24** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n40M_2422MHz** |

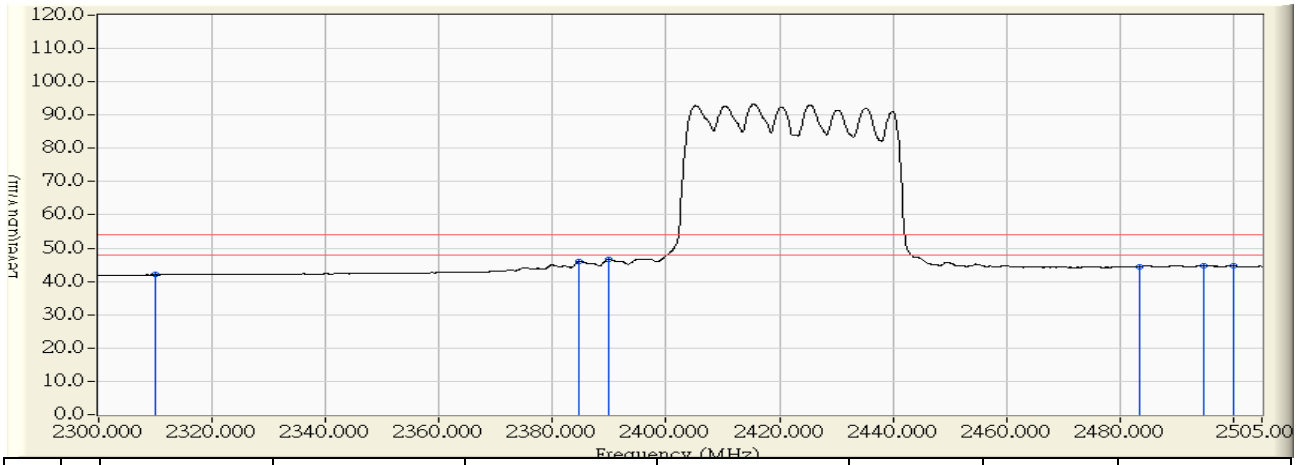



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.374 | 53.433 | -20.567 | 74.000 | PEAK |
| 2 | * | 2379.847 | 30.783 | 30.875 | 61.658 | -12.342 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 27.846 | 58.734 | -15.266 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 24.026 | 55.884 | -18.116 | 74.000 | PEAK |
| 5 | | 2491.778 | 31.943 | 25.832 | 57.776 | -16.224 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 24.124 | 56.113 | -17.887 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 02:25** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n40M_2422MHz** |

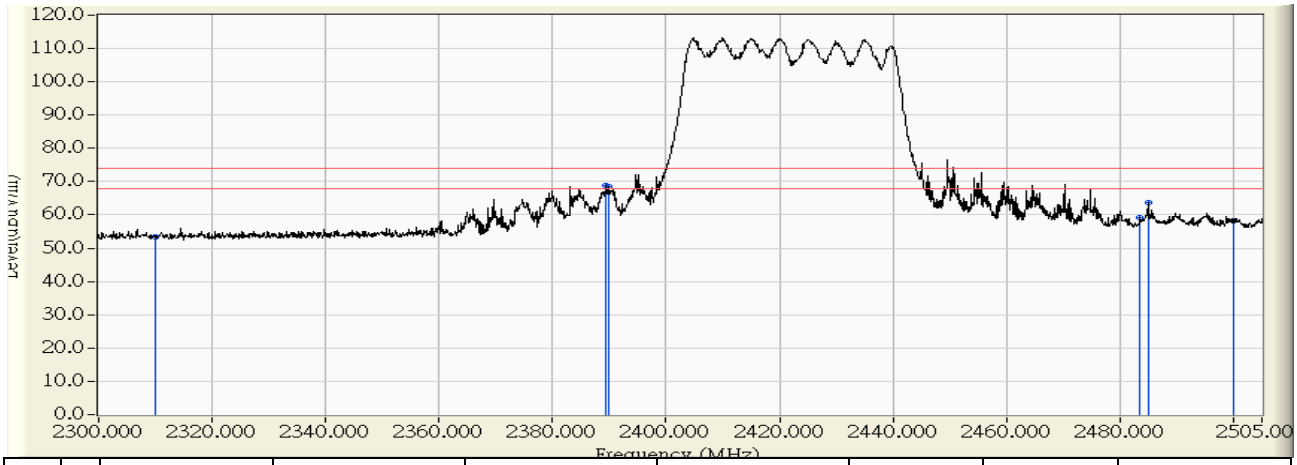



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.939 | 41.998 | -12.002 | 54.000 | AVERAGE |
| 2 | | 2384.562 | 30.832 | 15.110 | 45.942 | -8.058 | 54.000 | AVERAGE |
| 3 | * | 2390.000 | 30.888 | 15.694 | 46.582 | -7.418 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 12.568 | 44.426 | -9.574 | 54.000 | AVERAGE |
| 5 | | 2494.647 | 31.974 | 12.793 | 44.767 | -9.233 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 12.668 | 44.657 | -9.343 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 02:19** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n40M_2422MHz** |

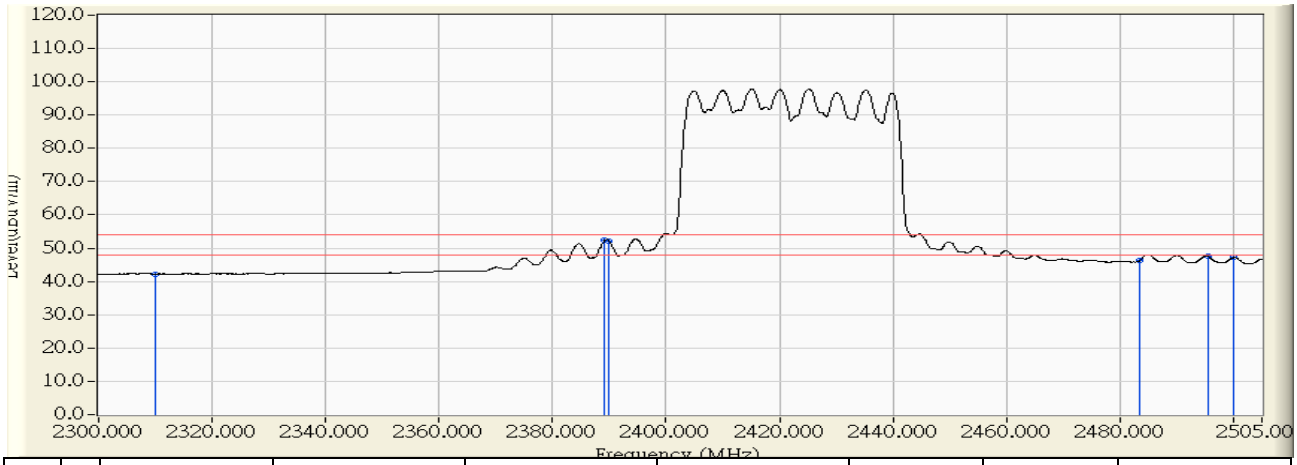



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.480 | 53.539 | -20.461 | 74.000 | PEAK |
| 2 | * | 2389.482 | 30.883 | 37.887 | 68.770 | -5.230 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 37.582 | 68.470 | -5.530 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 27.182 | 59.040 | -14.960 | 74.000 | PEAK |
| 5 | | 2484.910 | 31.872 | 31.818 | 63.691 | -10.309 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 26.306 | 58.295 | -15.705 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 02:18** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n40M _2422MHz** |

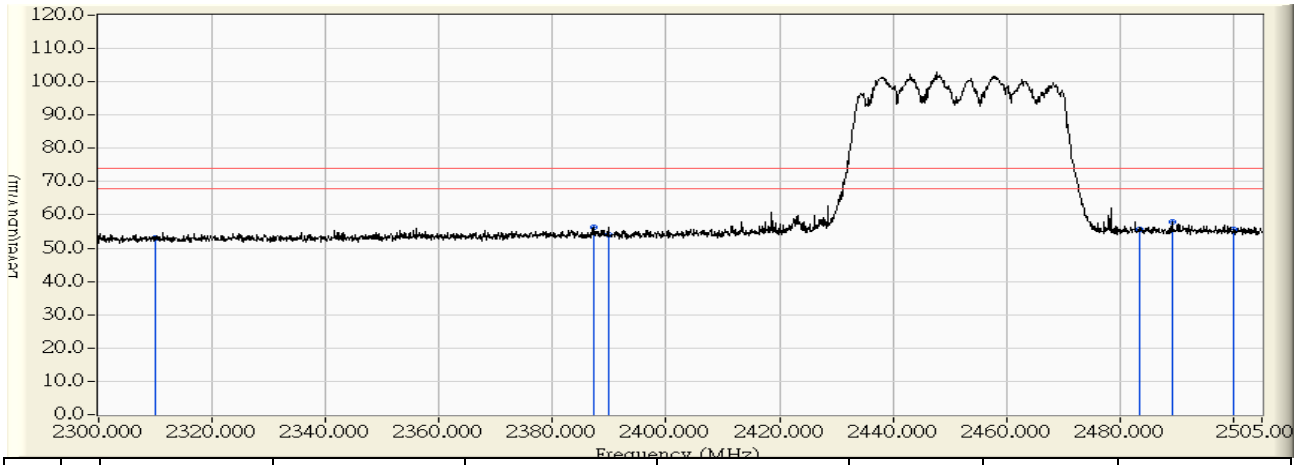



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.236 | 42.295 | -11.705 | 54.000 | AVERAGE |
| 2 | * | 2389.175 | 30.879 | 21.522 | 52.402 | -1.598 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 21.161 | 52.049 | -1.951 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 14.362 | 46.220 | -7.780 | 54.000 | AVERAGE |
| 5 | | 2495.468 | 31.982 | 15.543 | 47.525 | -6.475 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 15.161 | 47.150 | -6.850 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 02:51** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n40M_2452MHz** |

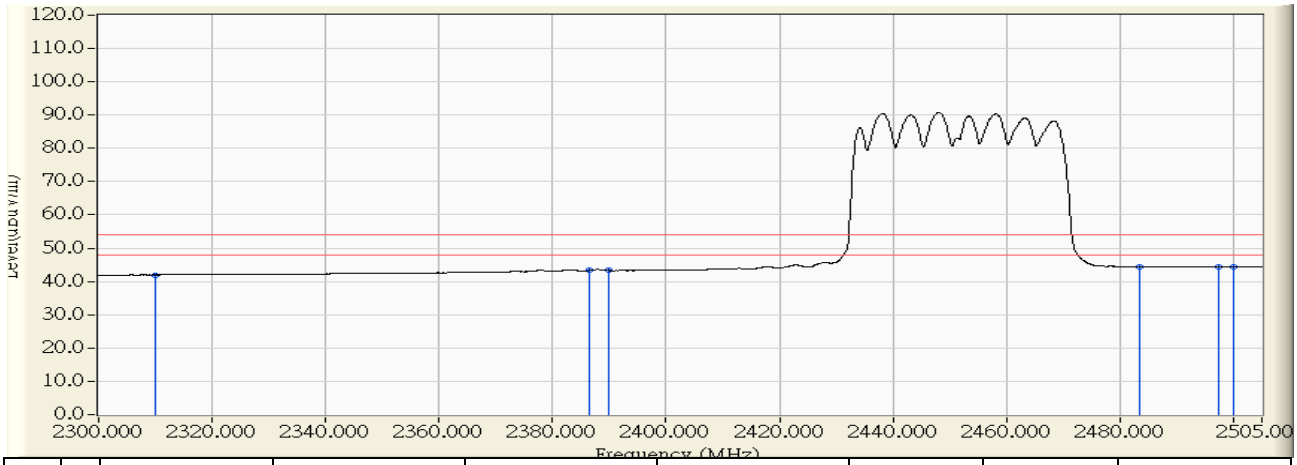



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.069 | 53.128 | -20.872 | 74.000 | PEAK |
| 2 | | 2387.330 | 30.860 | 25.416 | 56.277 | -17.723 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 23.248 | 54.136 | -19.864 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 23.738 | 55.596 | -18.404 | 74.000 | PEAK |
| 5 | * | 2489.113 | 31.916 | 26.087 | 58.003 | -15.997 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 23.701 | 55.690 | -18.310 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 02:52** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n40M_2452MHz** |

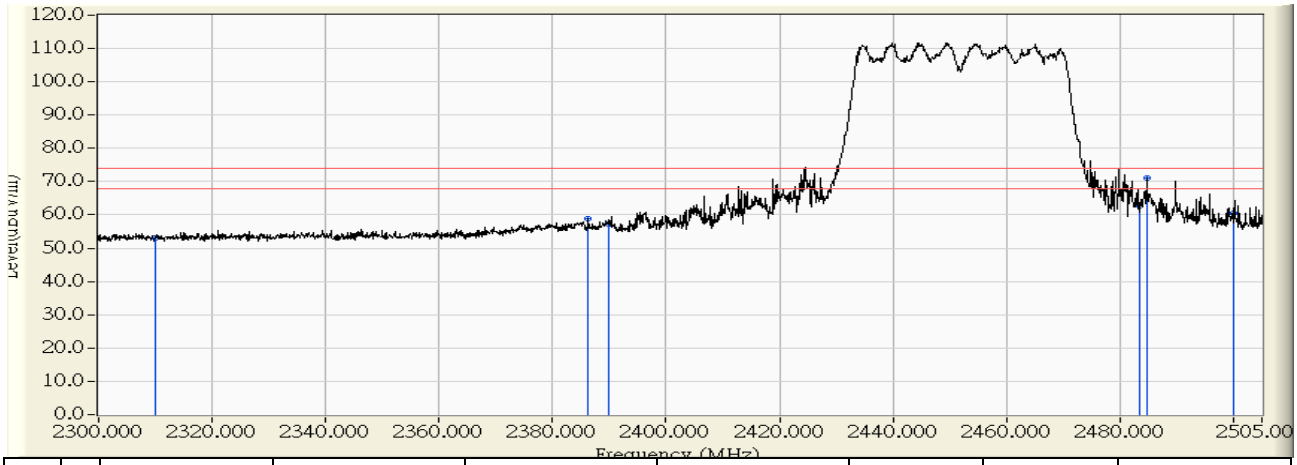



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.906 | 41.965 | -12.035 | 54.000 | AVERAGE |
| 2 | | 2386.407 | 30.851 | 12.429 | 43.280 | -10.720 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 12.409 | 43.297 | -10.703 | 54.000 | AVERAGE |
| 4 | * | 2483.500 | 31.858 | 12.632 | 44.490 | -9.510 | 54.000 | AVERAGE |
| 5 | | 2497.312 | 31.988 | 12.370 | 44.358 | -9.642 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 12.348 | 44.337 | -9.663 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 02:48** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n40M_2452MHz** |

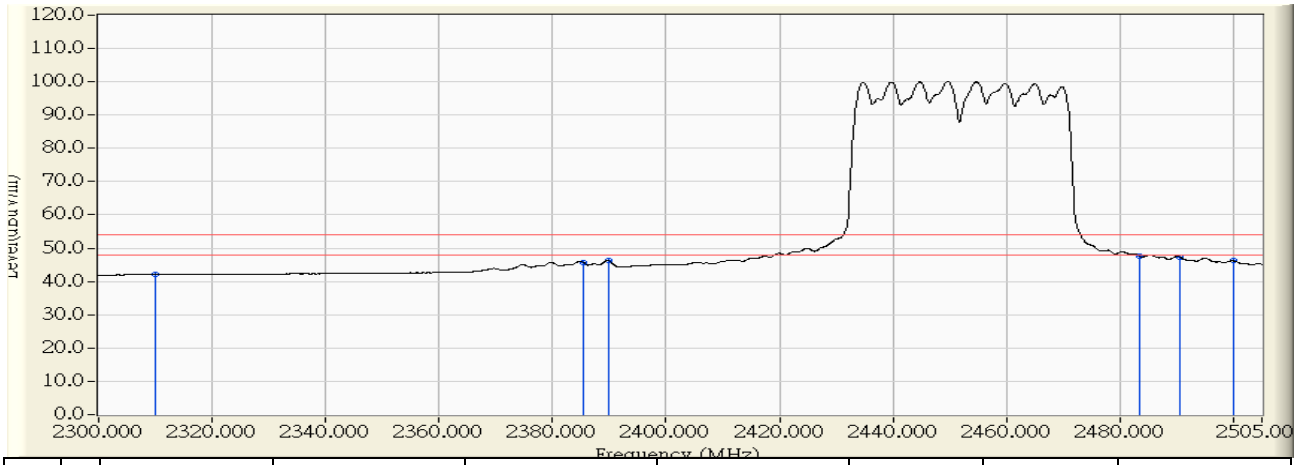



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.087 | 53.146 | -20.854 | 74.000 | PEAK |
| 2 | | 2386.305 | 30.850 | 27.902 | 58.752 | -15.248 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 26.369 | 57.257 | -16.743 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 30.924 | 62.782 | -11.218 | 74.000 | PEAK |
| 5 | * | 2484.705 | 31.870 | 39.325 | 71.195 | -2.805 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 28.384 | 60.373 | -13.627 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/03/26 - 02:49** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note : Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121)_802.11n40M _2452MHz** |

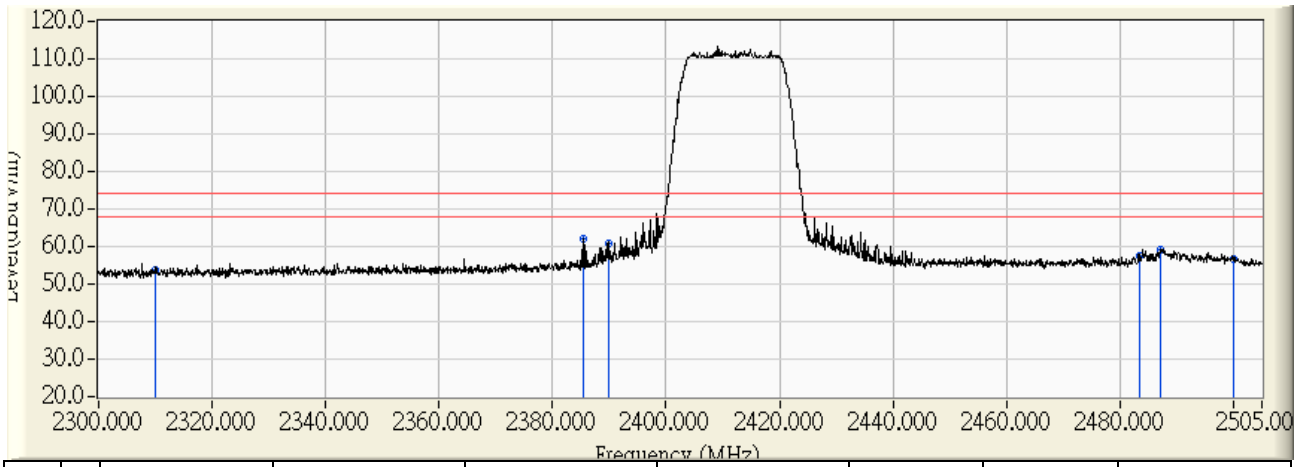



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.001 | 42.060 | -11.940 | 54.000 | AVERAGE |
| 2 | | 2385.383 | 30.841 | 14.955 | 45.795 | -8.205 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 15.307 | 46.195 | -7.805 | 54.000 | AVERAGE |
| 4 | * | 2483.500 | 31.858 | 15.719 | 47.577 | -6.423 | 54.000 | AVERAGE |
| 5 | | 2490.445 | 31.930 | 15.441 | 47.371 | -6.629 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 14.190 | 46.179 | -7.821 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:55** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2412MHz** |

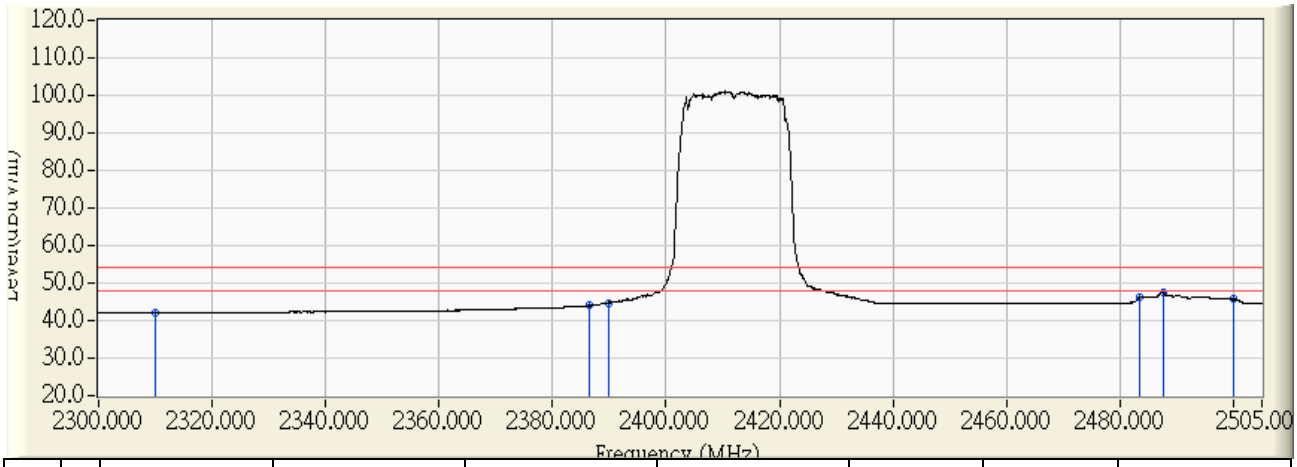



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.711 | 53.770 | -20.230 | 74.000 | PEAK |
| 2 | * | 2385.383 | 30.841 | 31.120 | 61.960 | -12.040 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 30.067 | 60.955 | -13.045 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 25.670 | 57.528 | -16.472 | 74.000 | PEAK |
| 5 | | 2487.165 | 31.896 | 27.443 | 59.339 | -14.661 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 24.821 | 56.810 | -17.190 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:57** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2412MHz** |

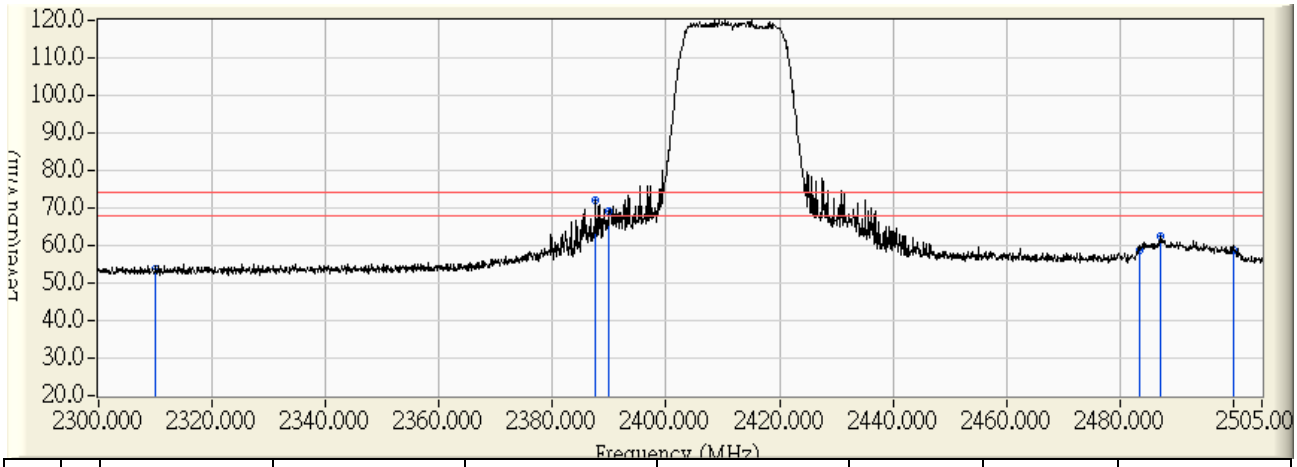



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.976 | 42.035 | -11.965 | 54.000 | AVERAGE |
| 2 | | 2386.407 | 30.851 | 13.108 | 43.959 | -10.041 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 13.846 | 44.734 | -9.266 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 14.300 | 46.158 | -7.842 | 54.000 | AVERAGE |
| 5 | * | 2487.575 | 31.901 | 15.491 | 47.391 | -6.609 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 13.701 | 45.690 | -8.310 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:50** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2412MHz** |

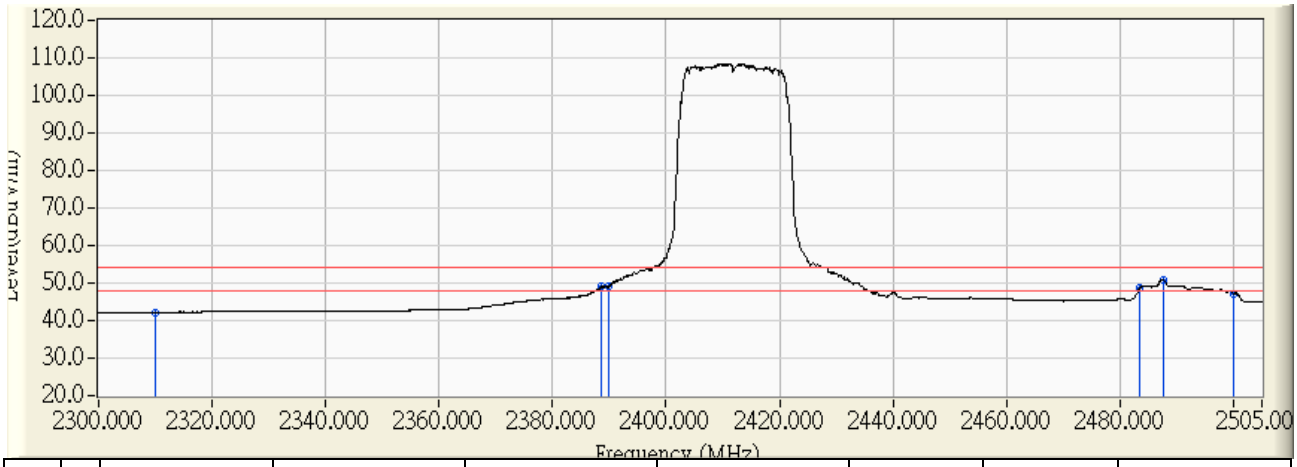



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.805 | 53.864 | -20.136 | 74.000 | PEAK |
| 2 | * | 2387.637 | 30.864 | 41.213 | 72.077 | -1.923 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 38.256 | 69.144 | -4.856 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 27.055 | 58.913 | -15.087 | 74.000 | PEAK |
| 5 | | 2487.165 | 31.896 | 30.432 | 62.328 | -11.672 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 26.829 | 58.818 | -15.182 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:51** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2412MHz** |

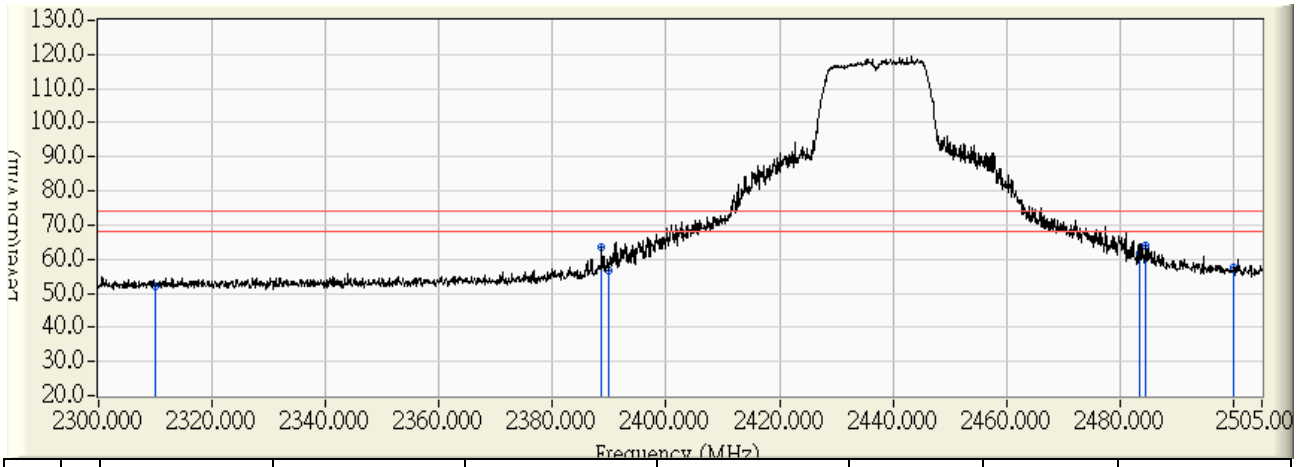



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.153 | 42.212 | -11.788 | 54.000 | AVERAGE |
| 2 | | 2388.560 | 30.874 | 18.174 | 49.047 | -4.953 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 18.398 | 49.286 | -4.714 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 16.775 | 48.633 | -5.367 | 54.000 | AVERAGE |
| 5 | * | 2487.575 | 31.901 | 19.024 | 50.924 | -3.076 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 15.280 | 47.269 | -6.731 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 16:43** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz** |

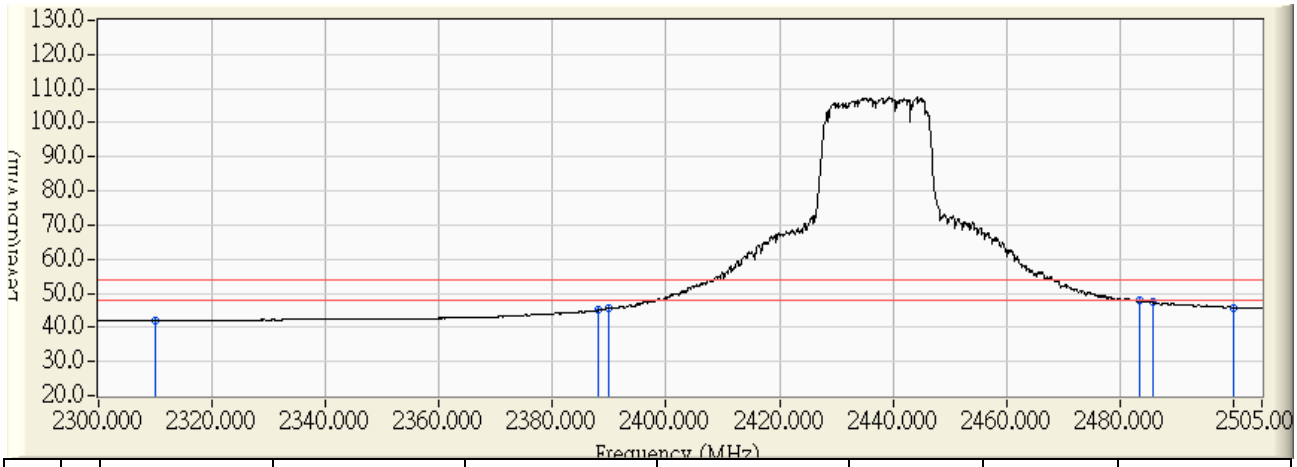



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 22.125 | 52.184 | -21.816 | 74.000 | PEAK |
| 2 | | 2388.663 | 30.875 | 32.609 | 63.483 | -10.517 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 25.748 | 56.636 | -17.364 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 29.656 | 61.514 | -12.486 | 74.000 | PEAK |
| 5 | * | 2484.603 | 31.869 | 32.204 | 64.073 | -9.927 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 25.445 | 57.434 | -16.566 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 16:45** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz** |

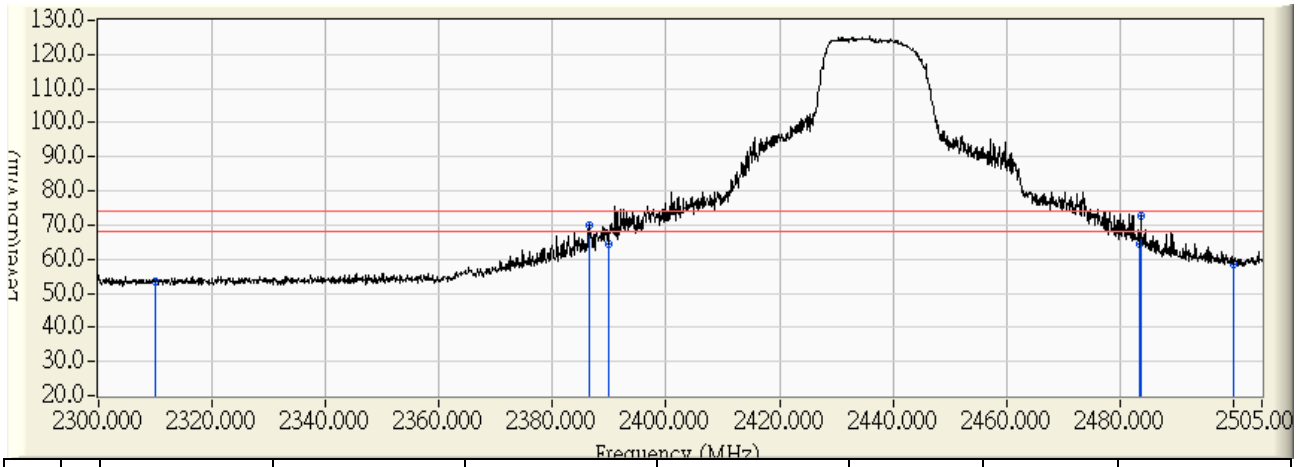



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.964 | 42.023 | -11.977 | 54.000 | AVERAGE |
| 2 | | 2388.048 | 30.868 | 14.141 | 45.009 | -8.991 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 14.694 | 45.582 | -8.418 | 54.000 | AVERAGE |
| 4 | * | 2483.500 | 31.858 | 15.980 | 47.838 | -6.162 | 54.000 | AVERAGE |
| 5 | | 2485.730 | 31.881 | 15.557 | 47.438 | -6.562 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 13.751 | 45.740 | -8.260 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 16:39** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz** |

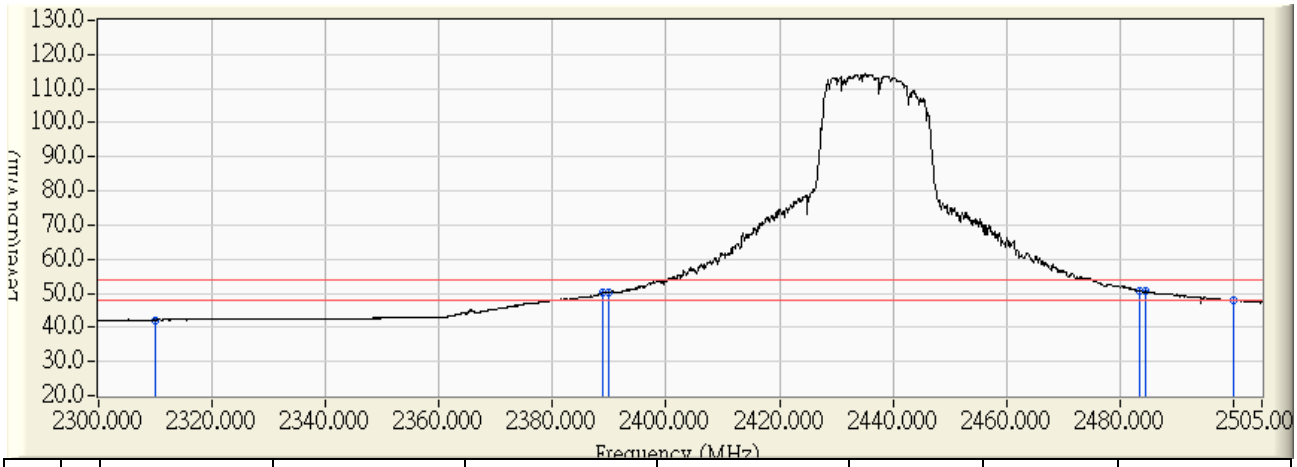



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.357 | 53.416 | -20.584 | 74.000 | PEAK |
| 2 | | 2386.407 | 30.851 | 38.961 | 69.812 | -4.188 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 33.788 | 64.676 | -9.324 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 32.639 | 64.497 | -9.503 | 74.000 | PEAK |
| 5 | * | 2483.680 | 31.860 | 41.072 | 72.932 | -1.068 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 26.516 | 58.505 | -15.495 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 16:50** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2437MHz** |

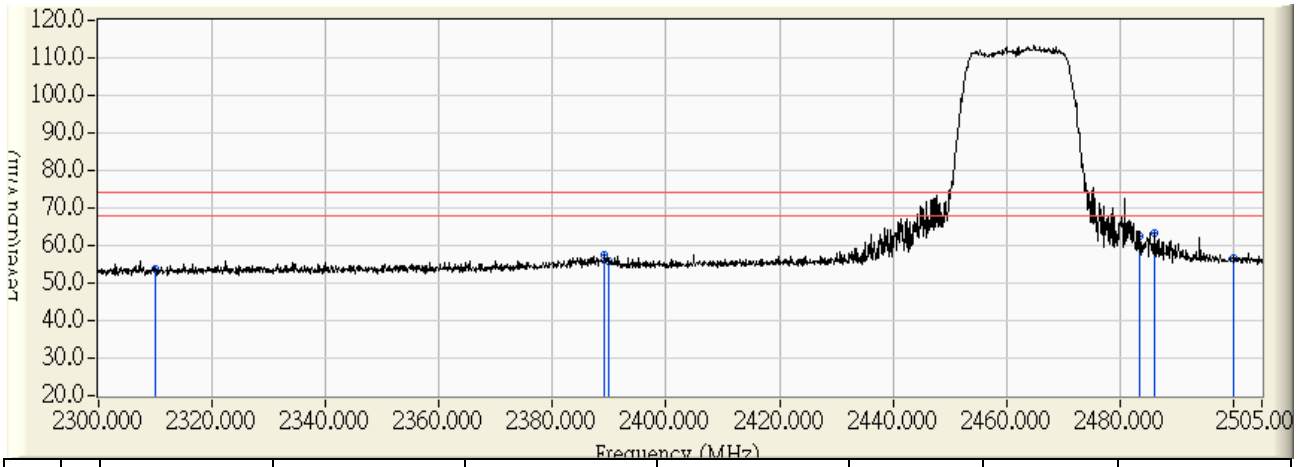



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.137 | 42.196 | -11.804 | 54.000 | AVERAGE |
| 2 | | 2388.765 | 30.876 | 19.192 | 50.068 | -3.932 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 19.583 | 50.471 | -3.529 | 54.000 | AVERAGE |
| 4 | * | 2483.500 | 31.858 | 18.988 | 50.846 | -3.154 | 54.000 | AVERAGE |
| 5 | | 2484.602 | 31.869 | 18.626 | 50.495 | -3.505 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 15.853 | 47.842 | -6.158 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 16:27** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2462MHz** |

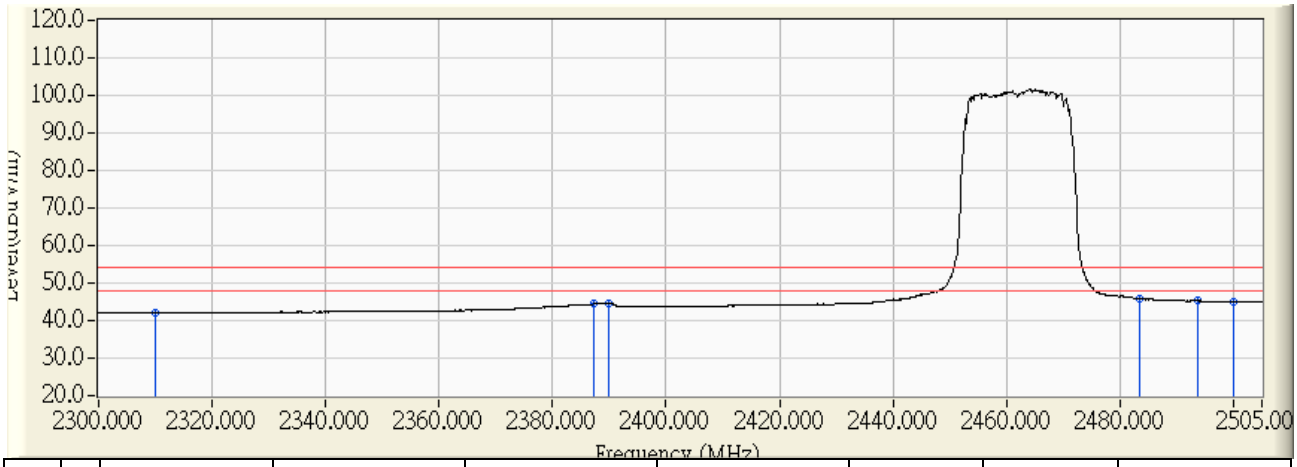



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.664 | 53.723 | -20.277 | 74.000 | PEAK |
| 2 | | 2389.175 | 30.879 | 26.419 | 57.299 | -16.701 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 24.932 | 55.820 | -18.180 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 30.631 | 62.489 | -11.511 | 74.000 | PEAK |
| 5 | * | 2486.038 | 31.885 | 31.483 | 63.367 | -10.633 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 24.832 | 56.821 | -17.179 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 16:28** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2462MHz** |

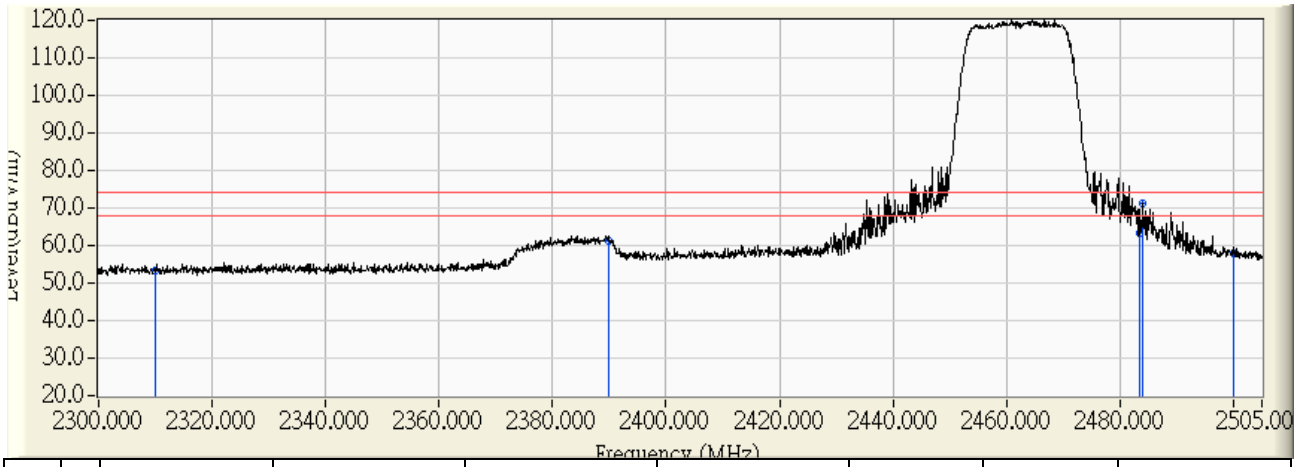



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.950 | 42.009 | -11.991 | 54.000 | AVERAGE |
| 2 | | 2387.228 | 30.859 | 13.516 | 44.376 | -9.624 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 13.753 | 44.641 | -9.359 | 54.000 | AVERAGE |
| 4 | * | 2483.500 | 31.858 | 14.093 | 45.951 | -8.049 | 54.000 | AVERAGE |
| 5 | | 2493.623 | 31.963 | 13.308 | 45.271 | -8.729 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 12.986 | 44.975 | -9.025 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 16:17** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2462MHz** |

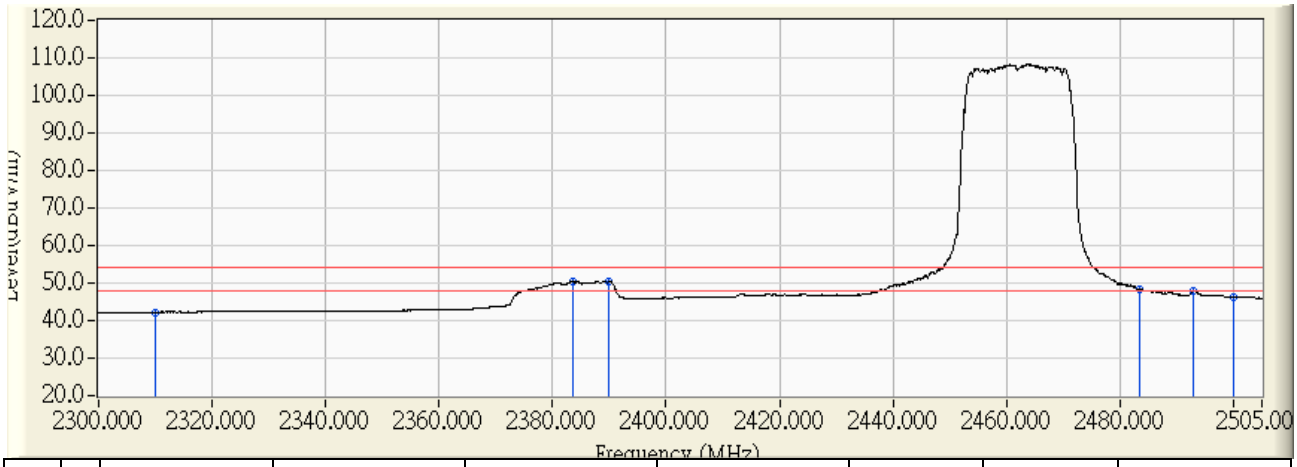



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.190 | 53.249 | -20.751 | 74.000 | PEAK |
| 2 | | 2390.000 | 30.888 | 30.220 | 61.108 | -12.892 | 74.000 | PEAK |
| 3 | | 2483.500 | 31.858 | 31.324 | 63.182 | -10.818 | 74.000 | PEAK |
| 4 | * | 2484.090 | 31.864 | 39.361 | 71.225 | -2.775 | 74.000 | PEAK |
| 5 | | 2500.000 | 31.988 | 25.936 | 57.925 | -16.075 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 16:22** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 20MHz_2462MHz** |

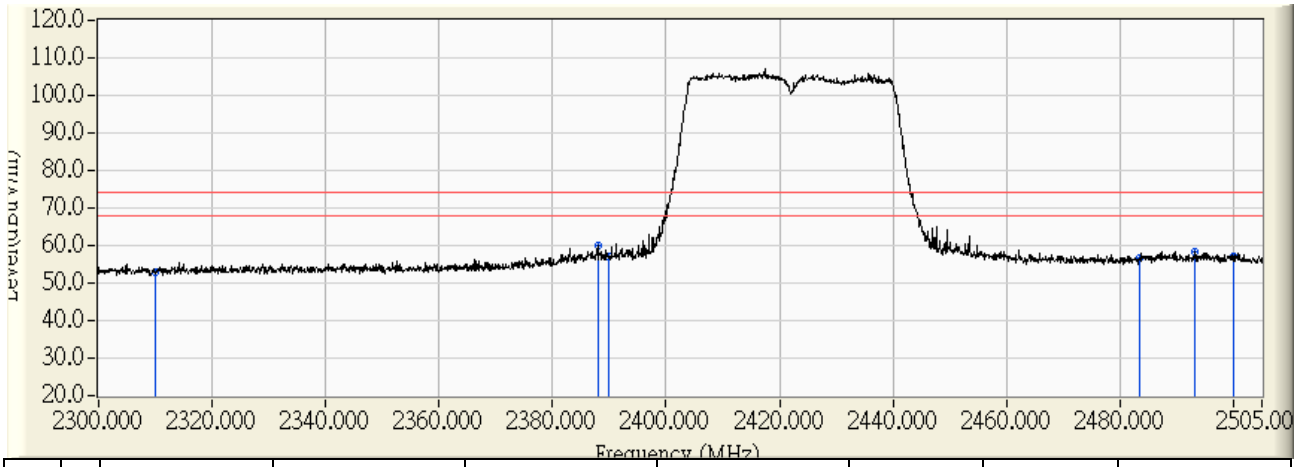



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.185 | 42.244 | -11.756 | 54.000 | AVERAGE |
| 2 | * | 2383.538 | 30.822 | 19.465 | 50.286 | -3.714 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 19.350 | 50.238 | -3.762 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 16.353 | 48.211 | -5.789 | 54.000 | AVERAGE |
| 5 | | 2492.802 | 31.955 | 15.901 | 47.855 | -6.145 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 14.372 | 46.361 | -7.639 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 14:54** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2422MHz** |

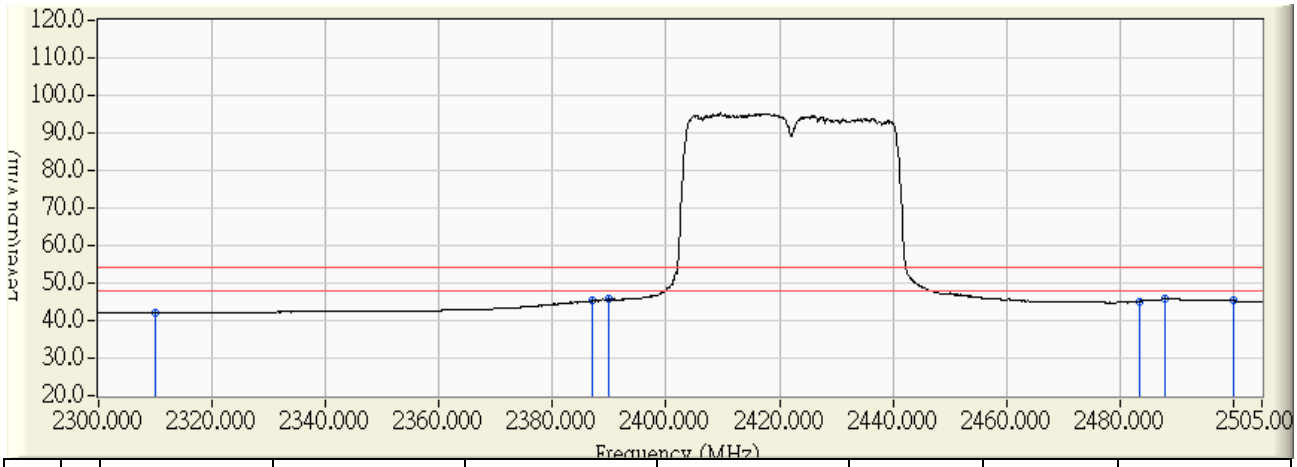



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 22.737 | 52.796 | -21.204 | 74.000 | PEAK |
| 2 | * | 2387.945 | 30.867 | 29.178 | 60.045 | -13.955 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 26.342 | 57.230 | -16.770 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 24.642 | 56.500 | -17.500 | 74.000 | PEAK |
| 5 | | 2493.110 | 31.958 | 26.264 | 58.222 | -15.778 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 24.946 | 56.935 | -17.065 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 14:56** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2422MHz** |

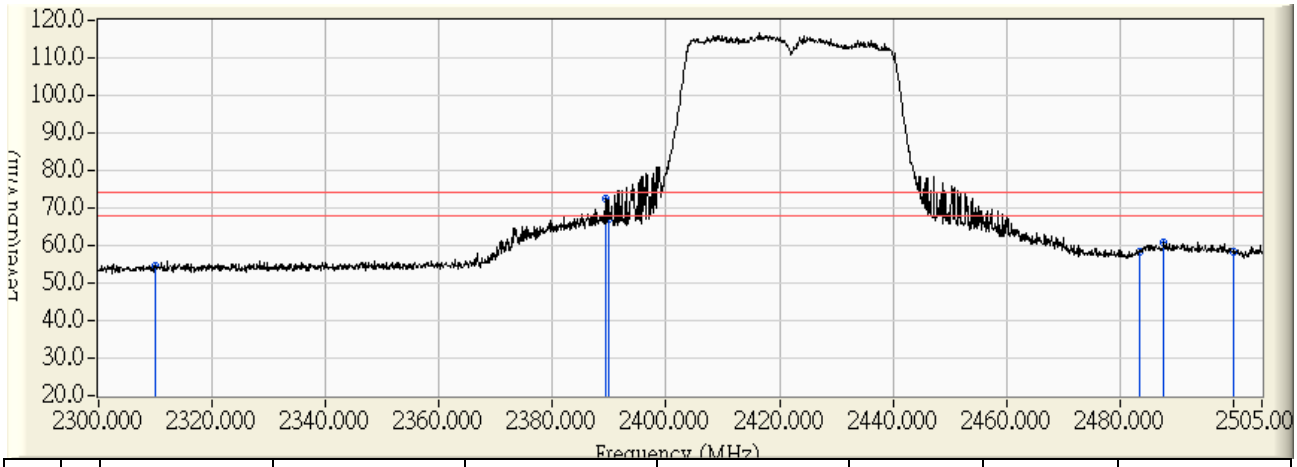



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.003 | 42.062 | -11.938 | 54.000 | AVERAGE |
| 2 | | 2387.022 | 30.858 | 14.395 | 45.252 | -8.748 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 14.756 | 45.644 | -8.356 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 13.207 | 45.065 | -8.935 | 54.000 | AVERAGE |
| 5 | * | 2487.883 | 31.904 | 13.804 | 45.707 | -8.293 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 13.268 | 45.257 | -8.743 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 14:51** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2422MHz** |

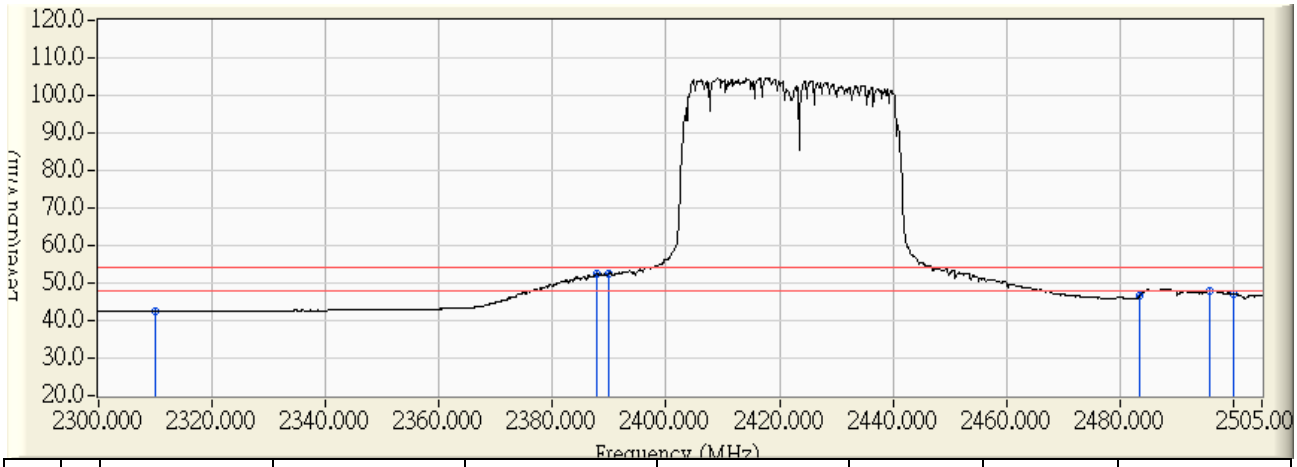



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 24.436 | 54.495 | -19.505 | 74.000 | PEAK |
| 2 | * | 2389.380 | 30.882 | 41.789 | 72.671 | -1.329 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 36.266 | 67.154 | -6.846 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 26.632 | 58.490 | -15.510 | 74.000 | PEAK |
| 5 | | 2487.780 | 31.903 | 28.918 | 60.820 | -13.180 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 26.161 | 58.150 | -15.850 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 14:49** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2422MHz** |

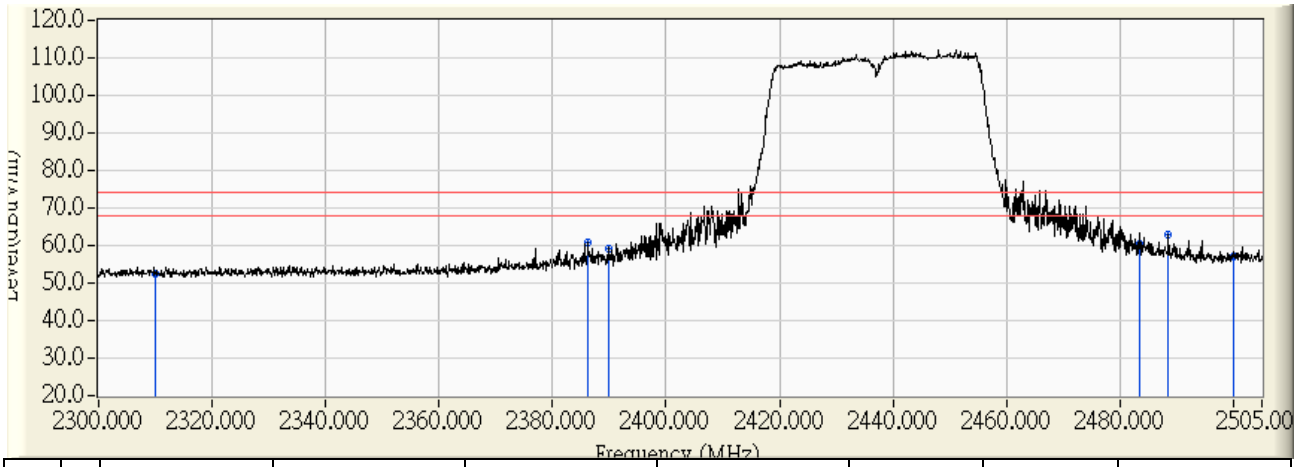



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.393 | 42.452 | -11.548 | 54.000 | AVERAGE |
| 2 | | 2387.740 | 30.865 | 21.483 | 52.348 | -1.652 | 54.000 | AVERAGE |
| 3 | * | 2390.000 | 30.888 | 21.801 | 52.689 | -1.311 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 14.781 | 46.639 | -7.361 | 54.000 | AVERAGE |
| 5 | | 2495.673 | 31.984 | 15.932 | 47.916 | -6.084 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 15.118 | 47.107 | -6.893 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:34** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz** |

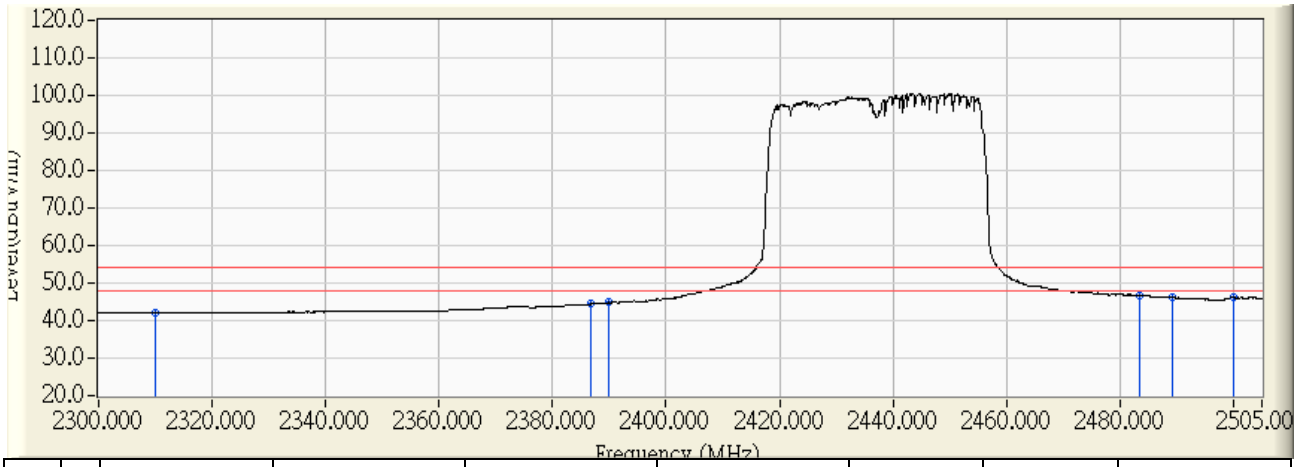



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 22.354 | 52.413 | -21.587 | 74.000 | PEAK |
| 2 | | 2386.202 | 30.849 | 29.781 | 60.630 | -13.370 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 28.375 | 59.263 | -14.737 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 28.701 | 60.559 | -13.441 | 74.000 | PEAK |
| 5 | * | 2488.498 | 31.910 | 30.871 | 62.781 | -11.219 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 25.165 | 57.154 | -16.846 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:35** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz** |

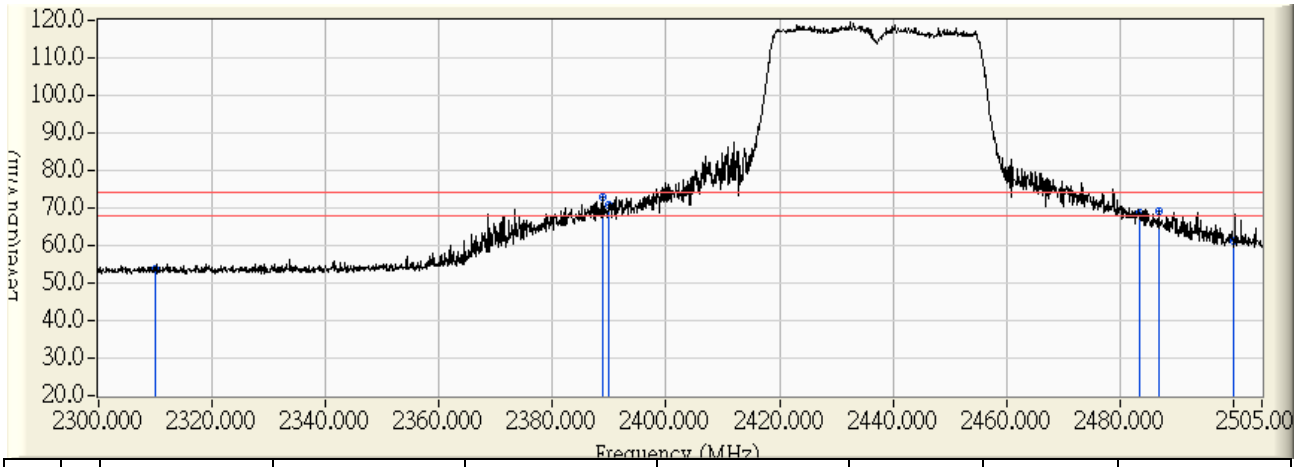



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.964 | 42.023 | -11.977 | 54.000 | AVERAGE |
| 2 | | 2386.715 | 30.854 | 13.526 | 44.380 | -9.620 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 13.908 | 44.796 | -9.204 | 54.000 | AVERAGE |
| 4 | * | 2483.500 | 31.858 | 14.804 | 46.662 | -7.338 | 54.000 | AVERAGE |
| 5 | | 2489.113 | 31.916 | 14.218 | 46.134 | -7.866 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 14.180 | 46.169 | -7.831 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:31** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz** |

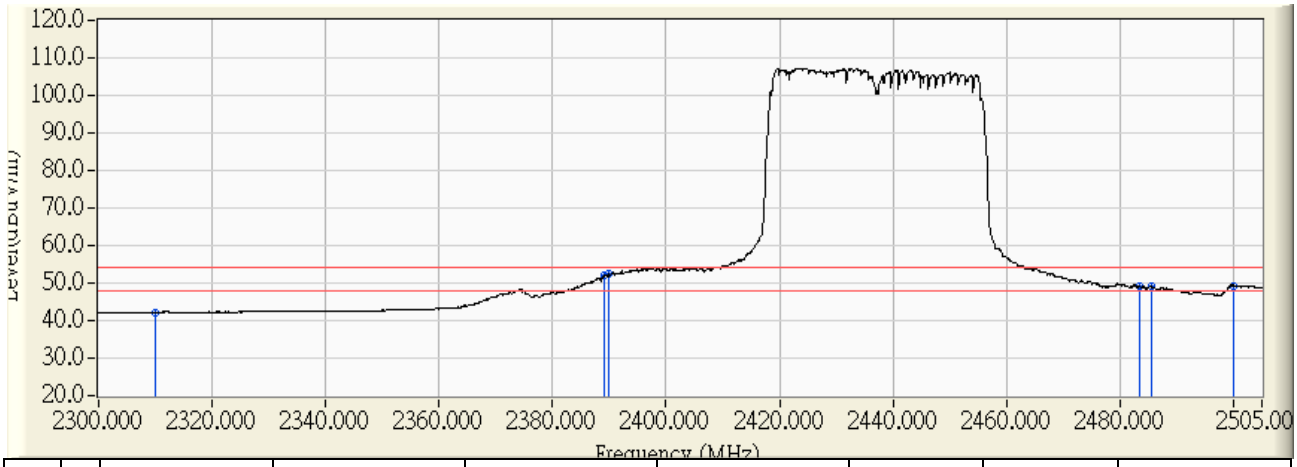



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.546 | 53.605 | -20.395 | 74.000 | PEAK |
| 2 | * | 2388.765 | 30.876 | 42.010 | 72.886 | -1.114 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 39.963 | 70.851 | -3.149 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 36.715 | 68.573 | -5.427 | 74.000 | PEAK |
| 5 | | 2486.857 | 31.893 | 37.284 | 69.177 | -4.823 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 29.223 | 61.212 | -12.788 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:29** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2437MHz** |

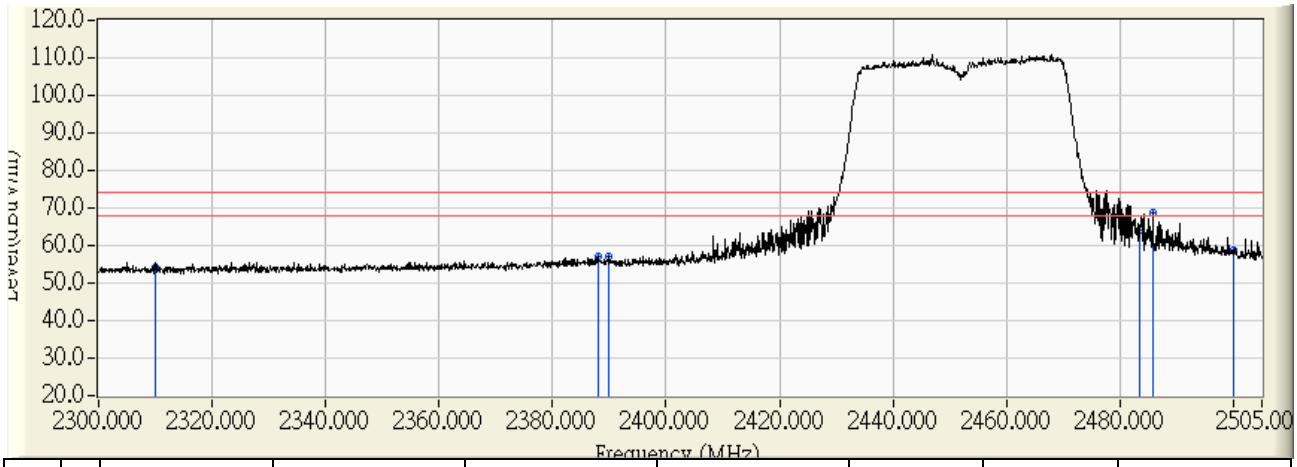



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.191 | 42.250 | -11.750 | 54.000 | AVERAGE |
| 2 | | 2389.175 | 30.879 | 21.063 | 51.943 | -2.057 | 54.000 | AVERAGE |
| 3 | * | 2390.000 | 30.888 | 21.404 | 52.292 | -1.708 | 54.000 | AVERAGE |
| 4 | | 2483.500 | 31.858 | 17.253 | 49.111 | -4.889 | 54.000 | AVERAGE |
| 5 | | 2485.423 | 31.878 | 17.086 | 48.964 | -5.036 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 17.355 | 49.344 | -4.656 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:18** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2452MHz** |

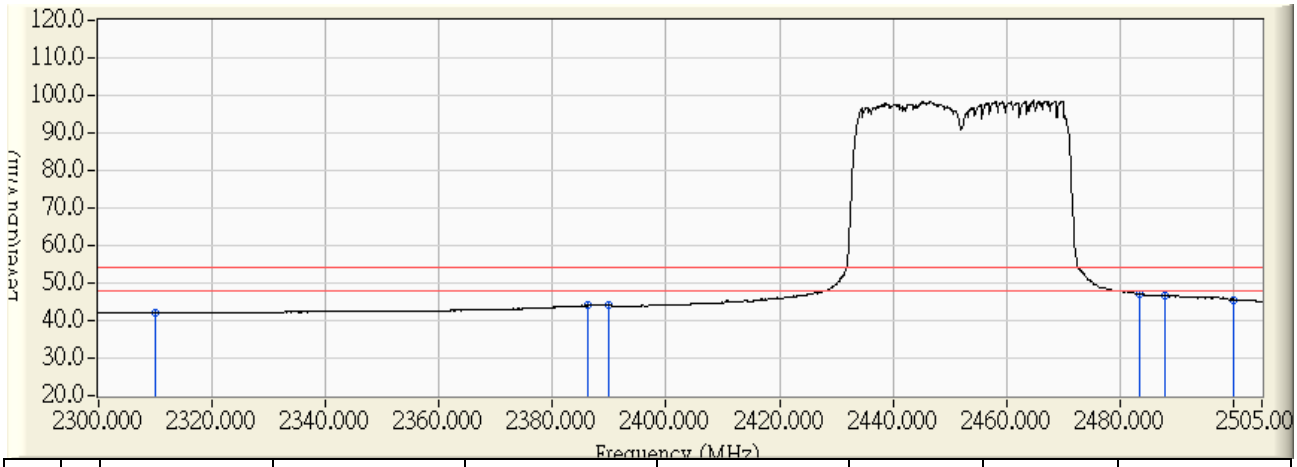



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 24.274 | 54.333 | -19.667 | 74.000 | PEAK |
| 2 | | 2387.945 | 30.867 | 26.180 | 57.047 | -16.953 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 26.057 | 56.945 | -17.055 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 32.389 | 64.247 | -9.753 | 74.000 | PEAK |
| 5 | * | 2485.833 | 31.882 | 36.712 | 68.594 | -5.406 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 26.556 | 58.545 | -15.455 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:19** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - HORIZONTAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2452MHz** |

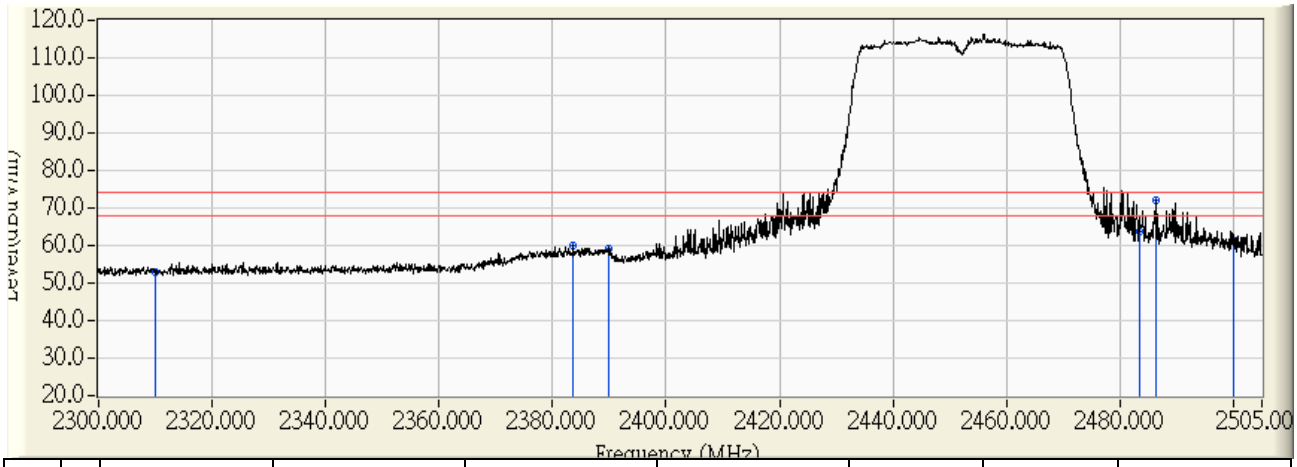



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 11.953 | 42.012 | -11.988 | 54.000 | AVERAGE |
| 2 | | 2386.202 | 30.849 | 13.167 | 44.016 | -9.984 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 13.299 | 44.187 | -9.813 | 54.000 | AVERAGE |
| 4 | * | 2483.500 | 31.858 | 15.241 | 47.099 | -6.901 | 54.000 | AVERAGE |
| 5 | | 2487.883 | 31.904 | 14.732 | 46.635 | -7.365 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 13.600 | 45.589 | -8.411 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:13** |
| **Limit : FCC_SpartC_15.209_03M_PK** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2452MHz** |

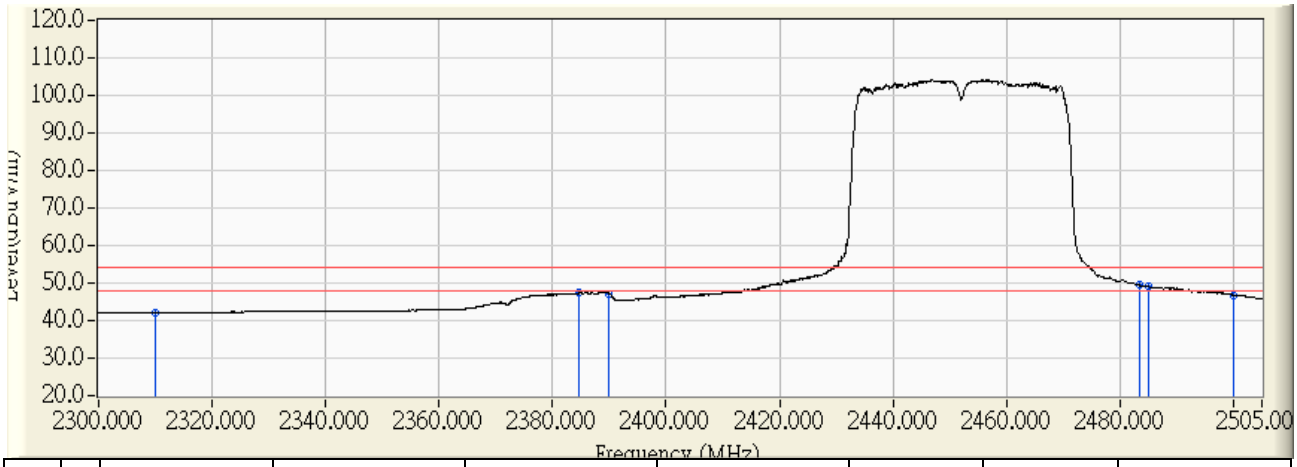



| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 23.034 | 53.093 | -20.907 | 74.000 | PEAK |
| 2 | | 2383.640 | 30.822 | 29.201 | 60.023 | -13.977 | 74.000 | PEAK |
| 3 | | 2390.000 | 30.888 | 28.459 | 59.347 | -14.653 | 74.000 | PEAK |
| 4 | | 2483.500 | 31.858 | 32.018 | 63.876 | -10.124 | 74.000 | PEAK |
| 5 | * | 2486.242 | 31.886 | 40.118 | 72.004 | -1.996 | 74.000 | PEAK |
| 6 | | 2500.000 | 31.988 | 29.225 | 61.214 | -12.786 | 74.000 | PEAK |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

| | |
|---|---|
| **Site : CB1** | **Time : 2014/04/17 - 15:15** |
| **Limit : FCC_SpartC_15.209_03M_AV** | **Margin : 6** |
| **Probe : CB1_FCC_EFS_1-18G-1_0901 - VERTICAL** | **Power : AC 120V/ 60Hz** |
| **EUT : RT-N18U 2.4GHz 600Mbps High Power Router** | **Note :Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121)_802.11n 40MHz_2452MHz** |




| | | Frequency (MHz) | Correct Factor (dB) | Reading Level (dBuV) | Measure Level (dBuV/m) | Margin (dB) | Limit (dBuV/m) | Detector Type |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2310.000 | 30.059 | 12.073 | 42.132 | -11.868 | 54.000 | AVERAGE |
| 2 | | 2384.665 | 30.833 | 16.483 | 47.316 | -6.684 | 54.000 | AVERAGE |
| 3 | | 2390.000 | 30.888 | 16.074 | 46.962 | -7.038 | 54.000 | AVERAGE |
| 4 | * | 2483.500 | 31.858 | 17.600 | 49.458 | -4.542 | 54.000 | AVERAGE |
| 5 | | 2484.910 | 31.872 | 17.264 | 49.137 | -4.863 | 54.000 | AVERAGE |
| 6 | | 2500.000 | 31.988 | 14.746 | 46.735 | -7.265 | 54.000 | AVERAGE |

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

# 7. Occupied Bandwidth

## 7.1. Test Equipment

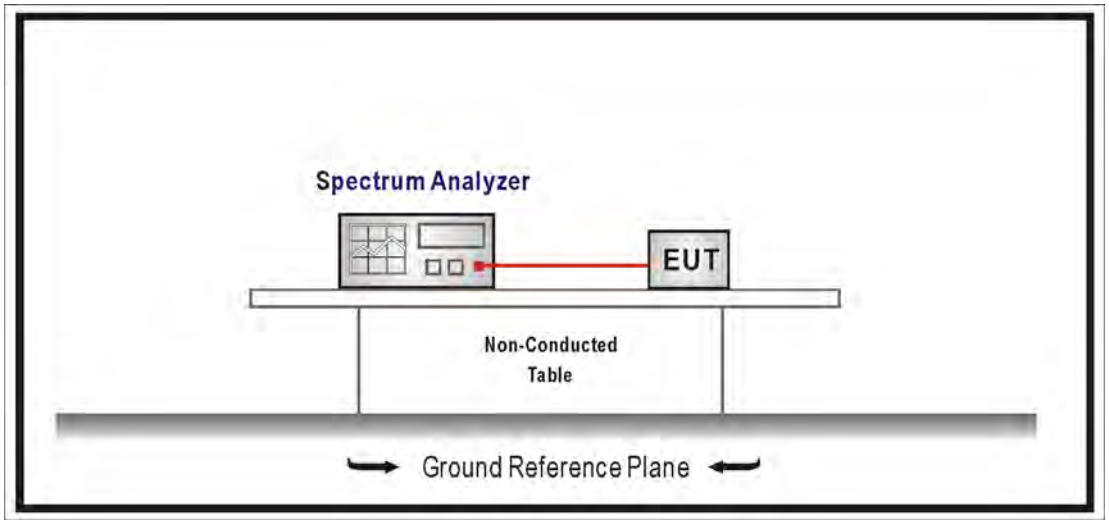
The following test equipments are used during the test:

Occupied Bandwidth / SR7

| Instrument | Manufacturer | Model No. | Serial No | Next Cal. Date |
|---|---|---|---|---|
| Spectrum Analyzer | Agilent | N9010A-EXA | US47140172 | 2014/08/05 |

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

## 7.2. Test Setup




## 7.3. Test Procedures

The EUT was setup according to ANSI C63.4: 2009; tested according to DTS test procedure section 8.1 of KDB558074 v03r01 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 100KHz, VBW≧3xRBW, Sweep time=Auto, Set Peak detector.

## 7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

## 7.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2013

## 7.6. Uncertainty

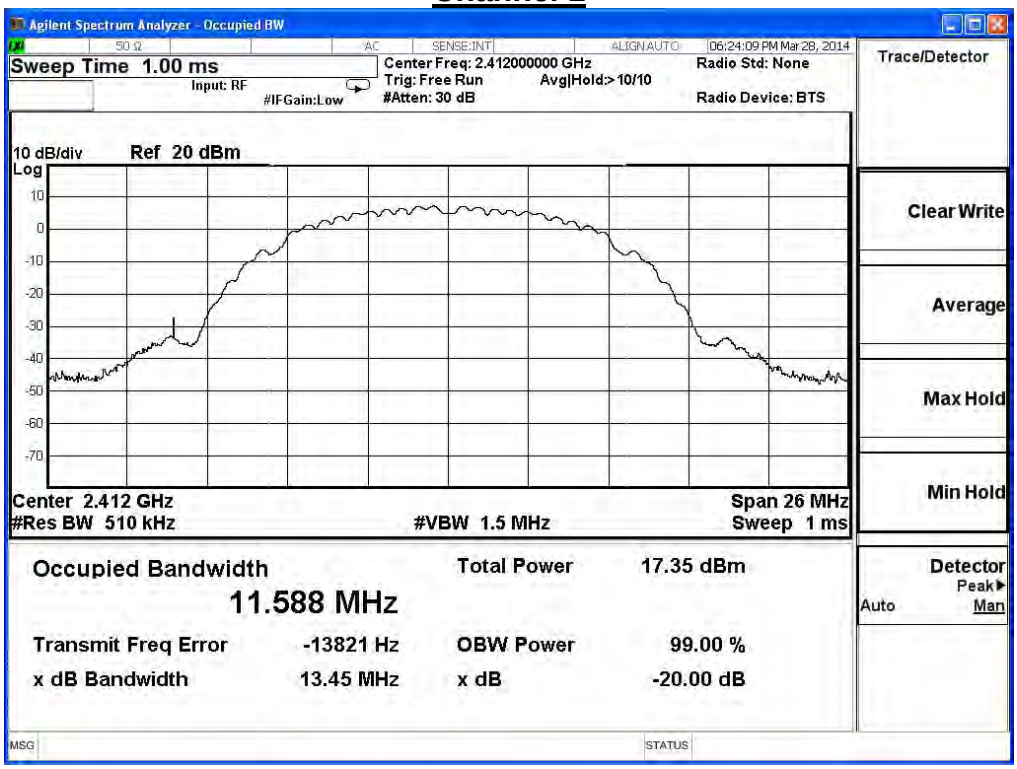
The measurement uncertainty is defined as ±150Hz

## 7.7. Test Result

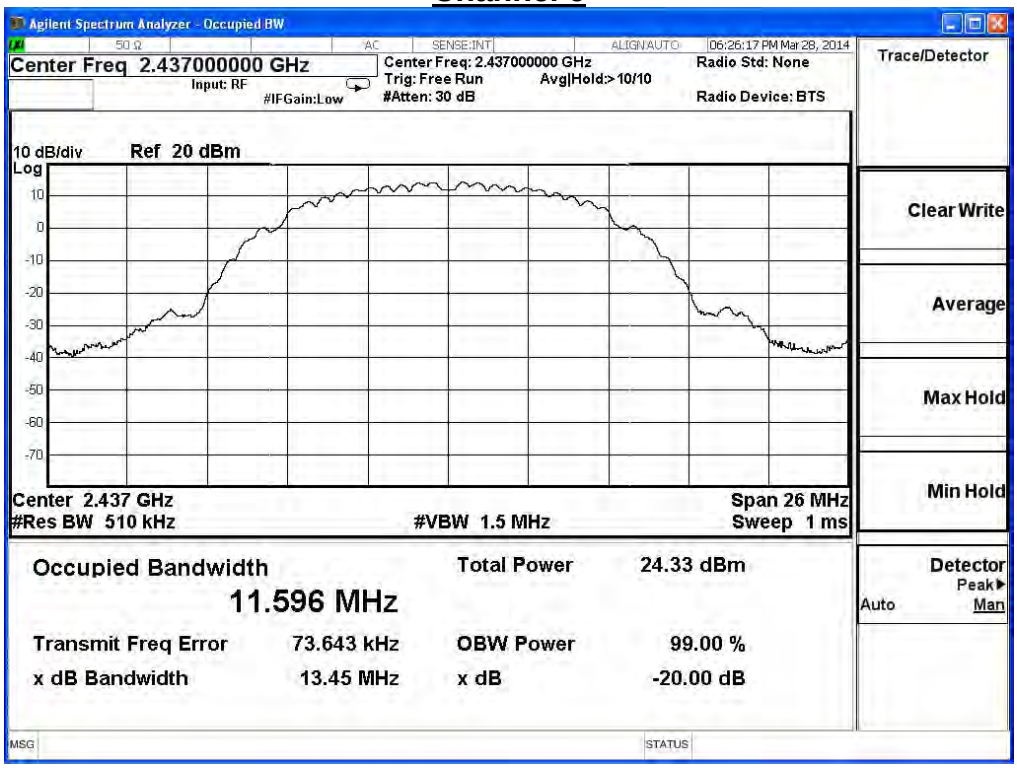
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| 802.11 b, ANT 0, RBW: 510KHz, VBW: 1.5MHz, SPAN: 26MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1 | 2412 | 13.45 | ≧0.5 | Pass |
| 6 | 2437 | 13.45 | ≧0.5 | Pass |
| 11 | 2462 | 13.47 | ≧0.5 | Pass |

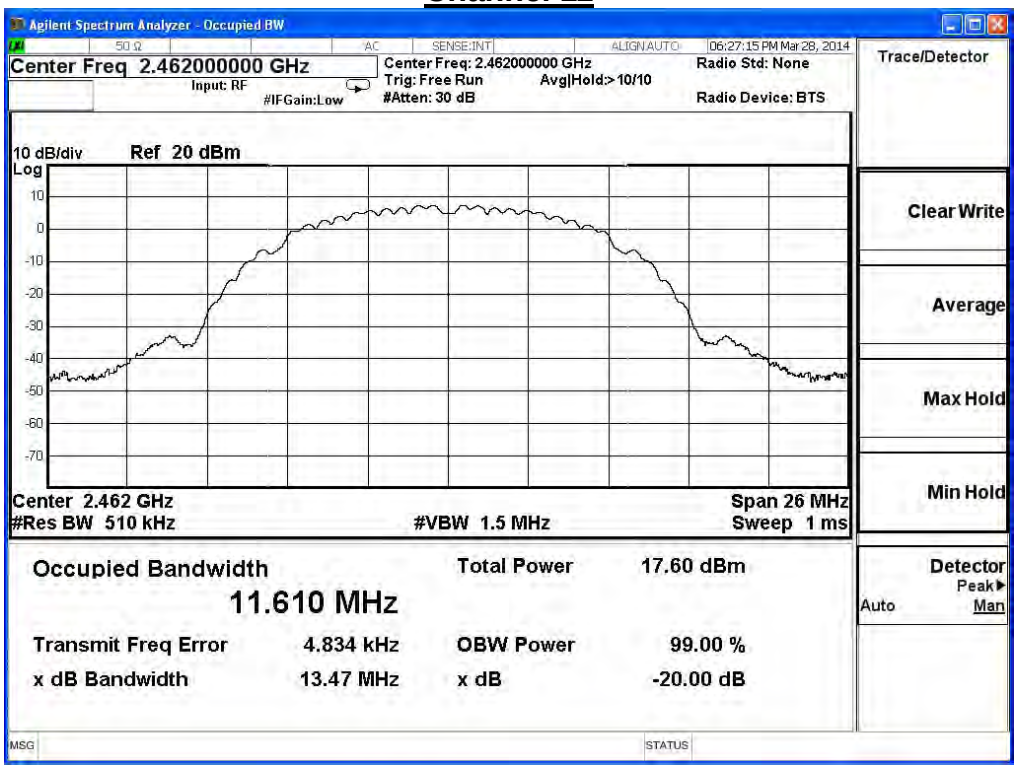
**Channel 1**



## Channel 6



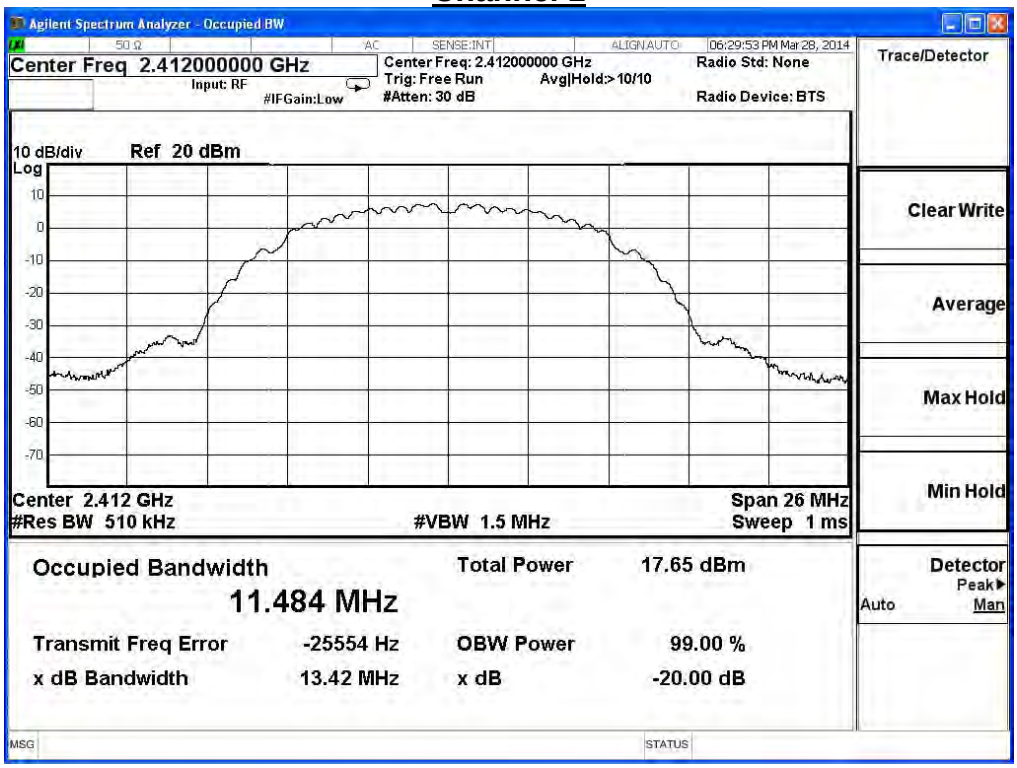

## Channel 11



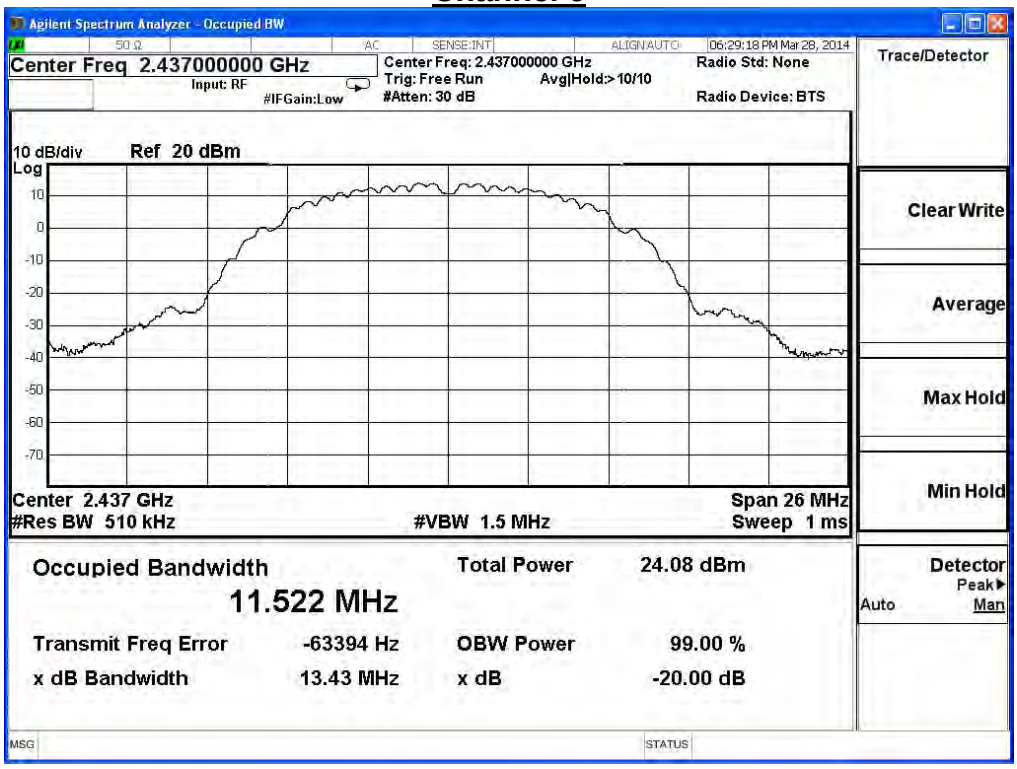
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE 802.11b, ANT 1, RBW: 510KHz, VBW: 1.5MHz, SPAN: 26MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1 | 2412 | 13.42 | ≧0.5 | Pass |
| 6 | 2437 | 13.43 | ≧0.5 | Pass |
| 11 | 2462 | 13.45 | ≧0.5 | Pass |

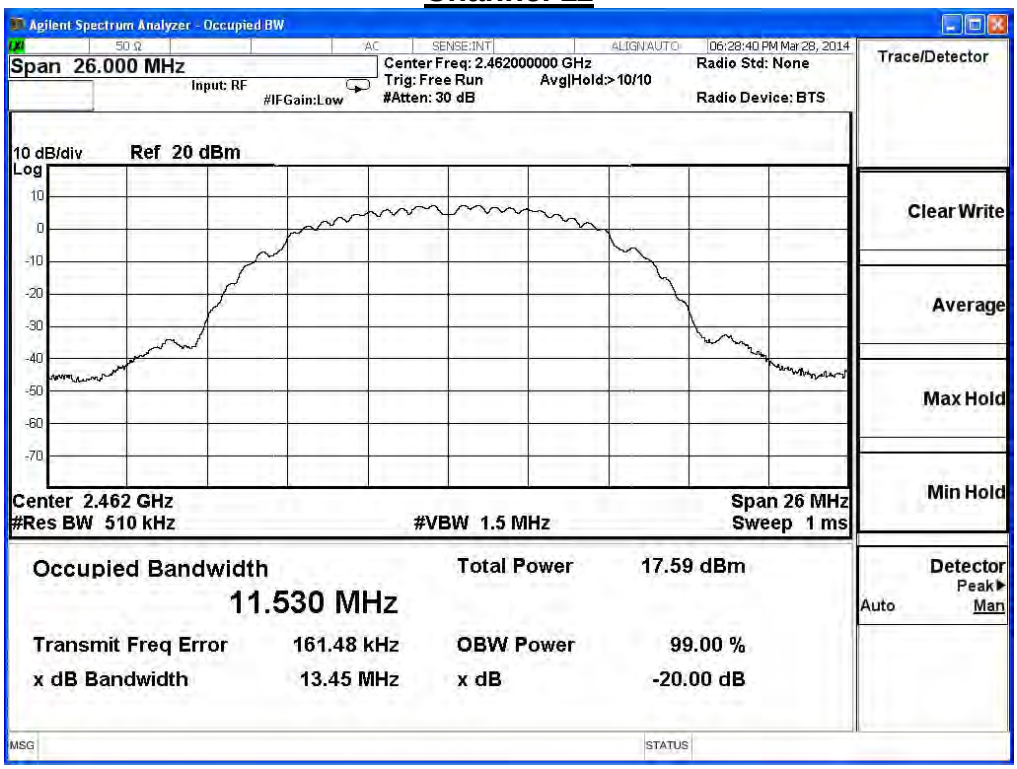
**Channel 1**



## Channel 6



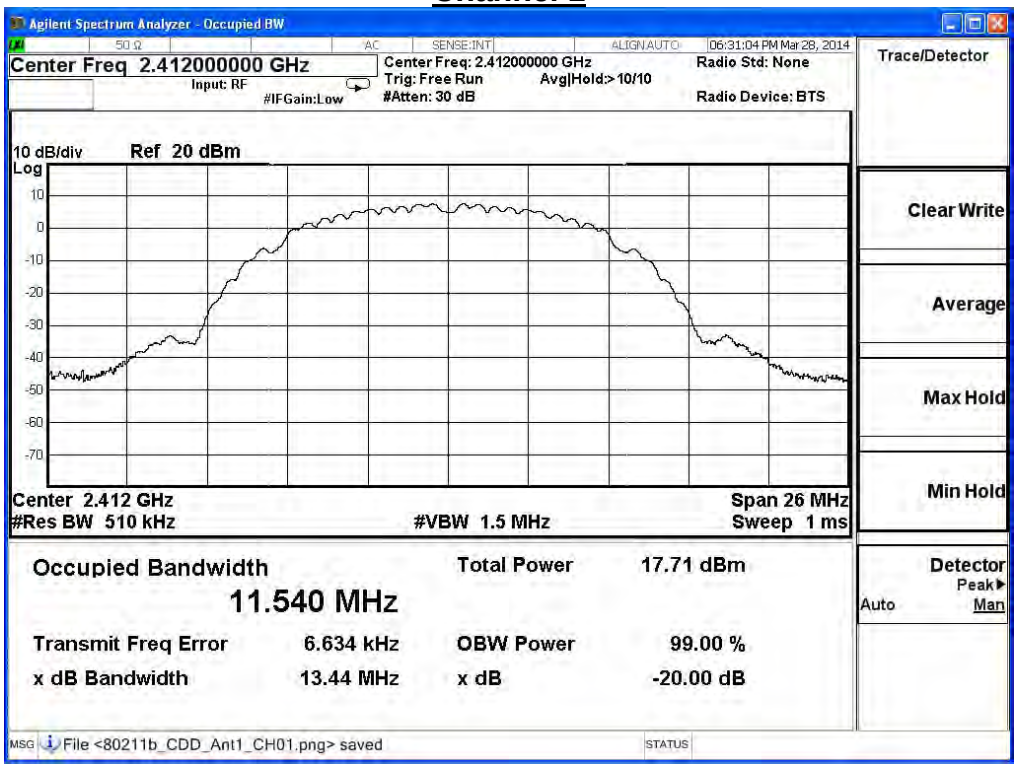

## Channel 11



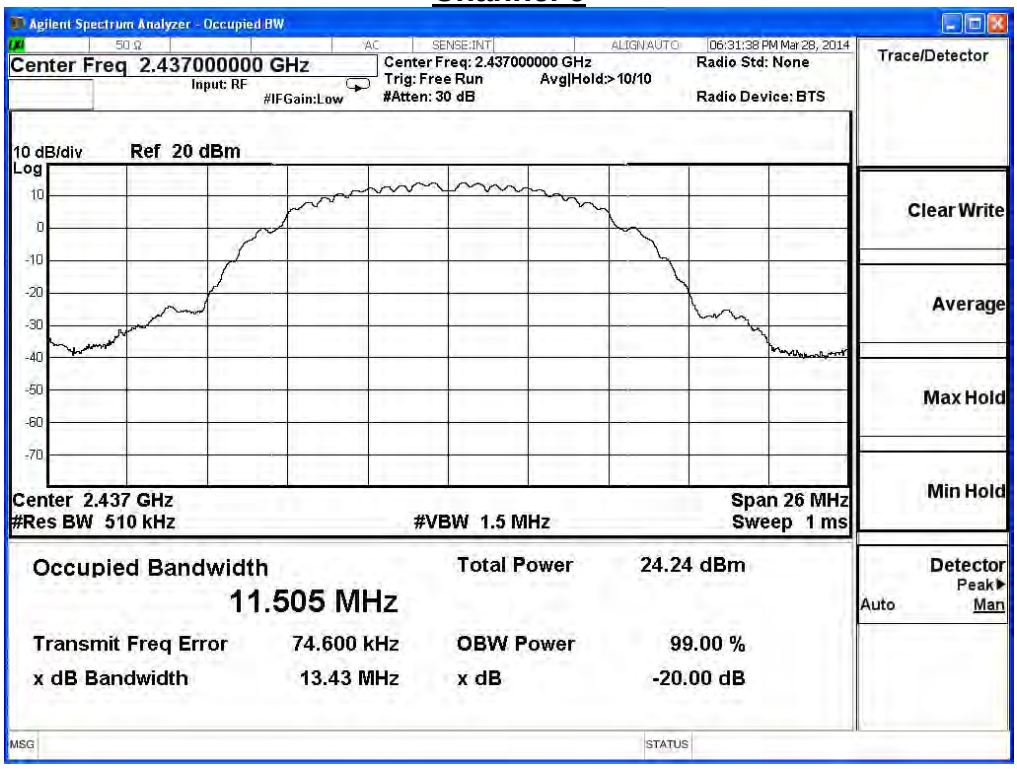
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE 802.11b, ANT 2, RBW: 510KHz, VBW: 1.5MHz, SPAN: 26MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1 | 2412 | 13.44 | ≧0.5 | Pass |
| 6 | 2437 | 13.43 | ≧0.5 | Pass |
| 11 | 2462 | 13.46 | ≧0.5 | Pass |

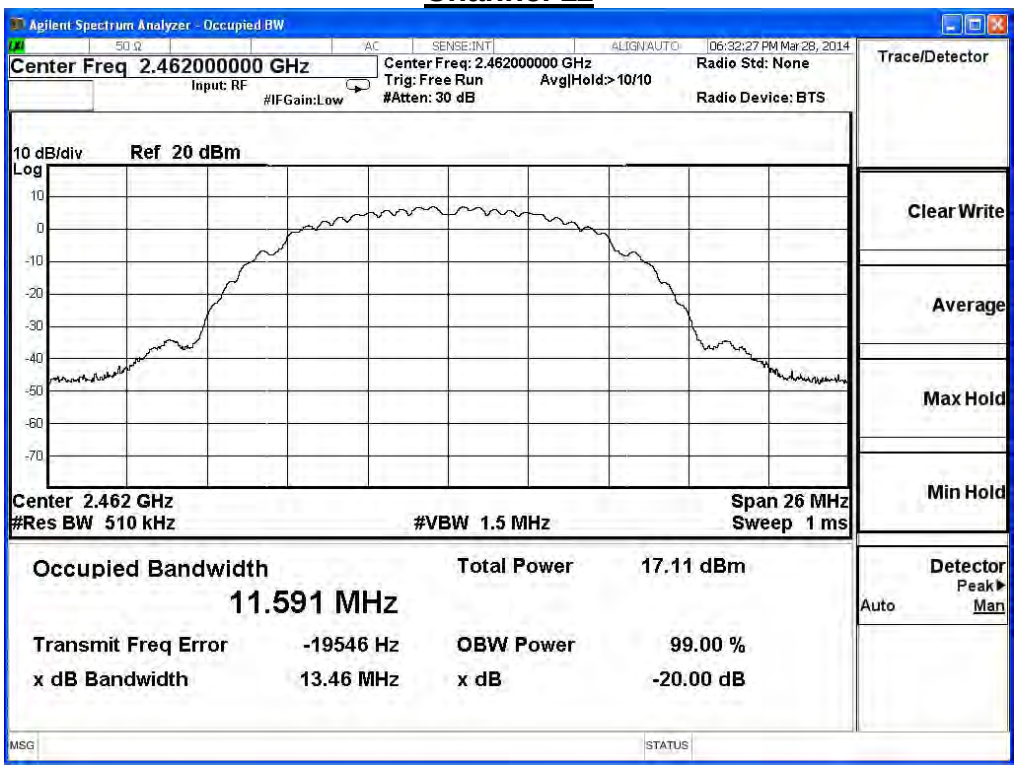
**Channel 1**



## Channel 6



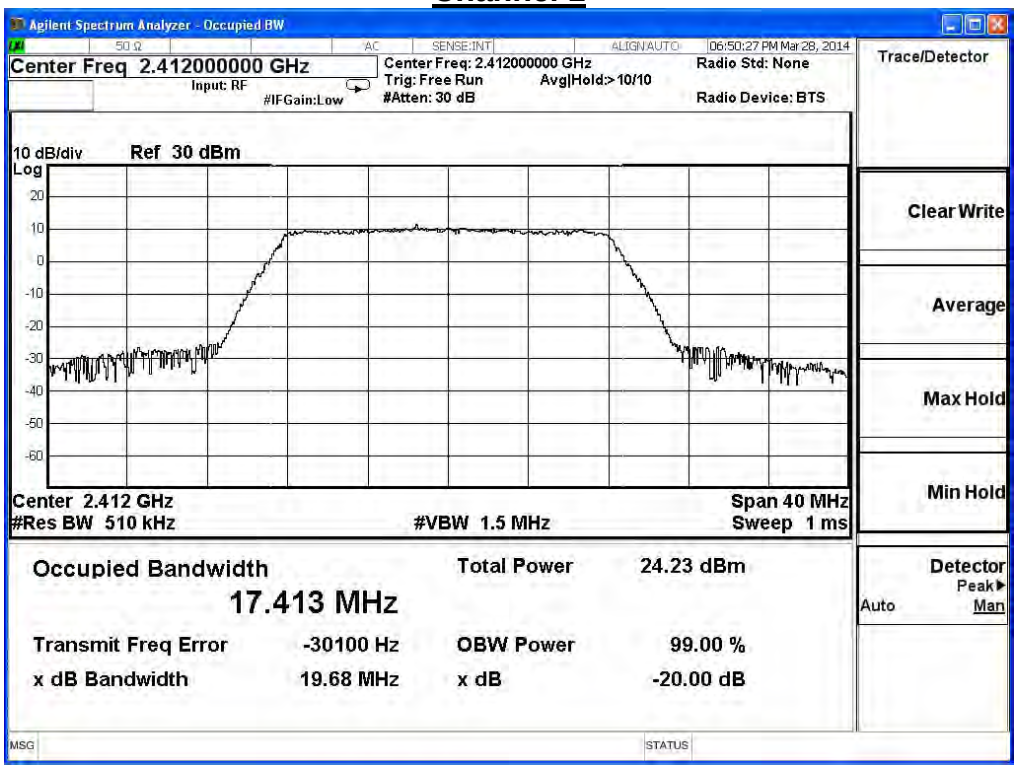

## Channel 11



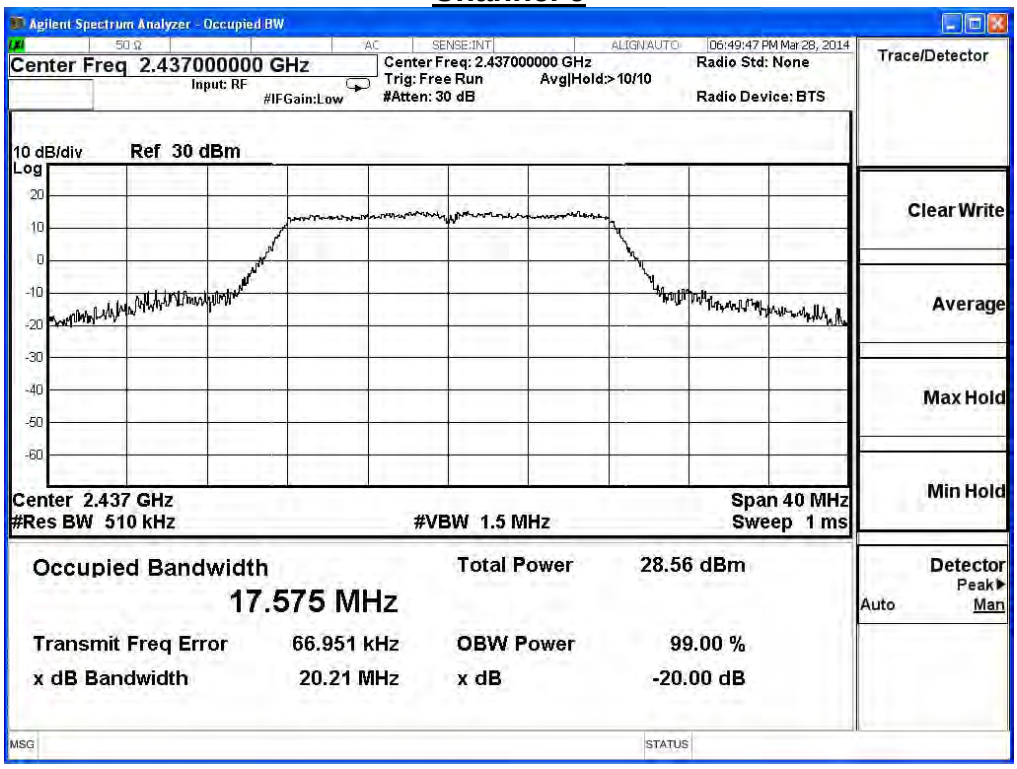
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| 802.11 g, ANT 0, RBW: 510KHz, VBW: 1.5MHz, SPAN: 40MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1 | 2412 | 19.68 | ≧0.5 | Pass |
| 6 | 2437 | 20.21 | ≧0.5 | Pass |
| 11 | 2462 | 19.84 | ≧0.5 | Pass |

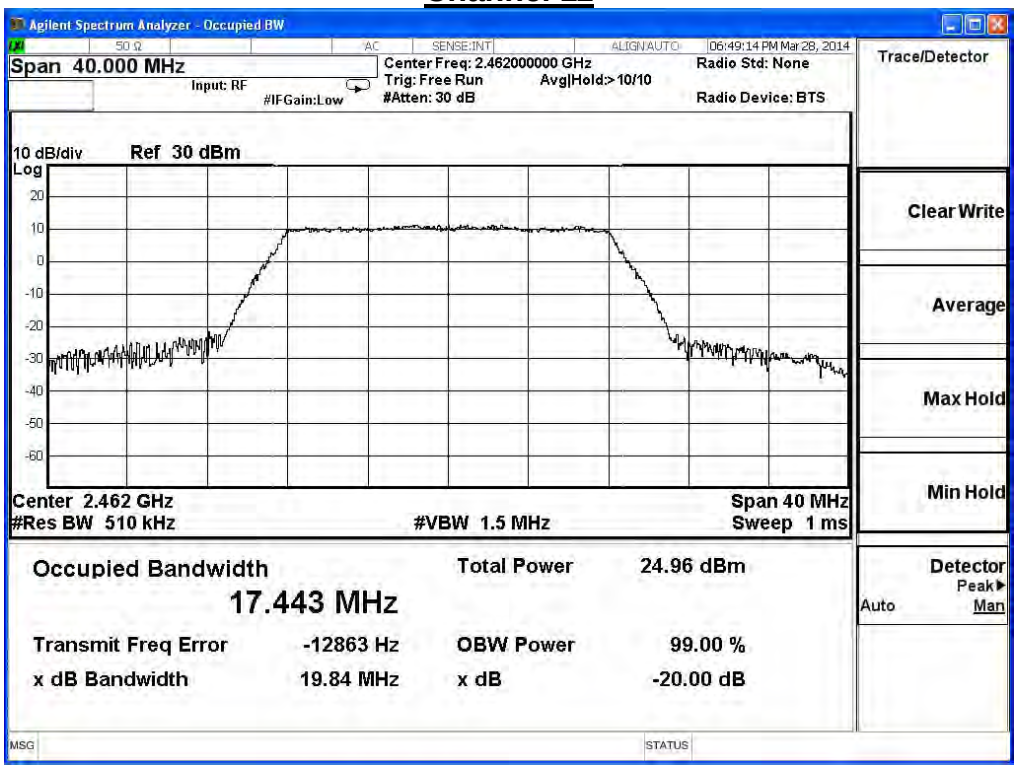
**Channel 1**



## Channel 6



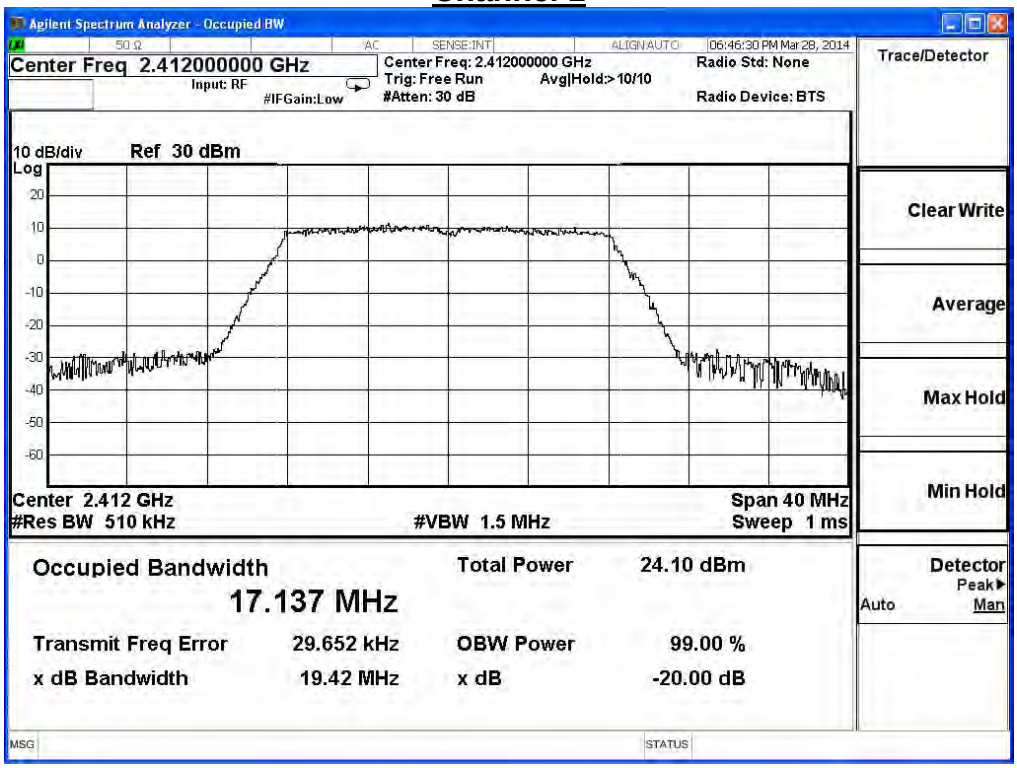

## Channel 11



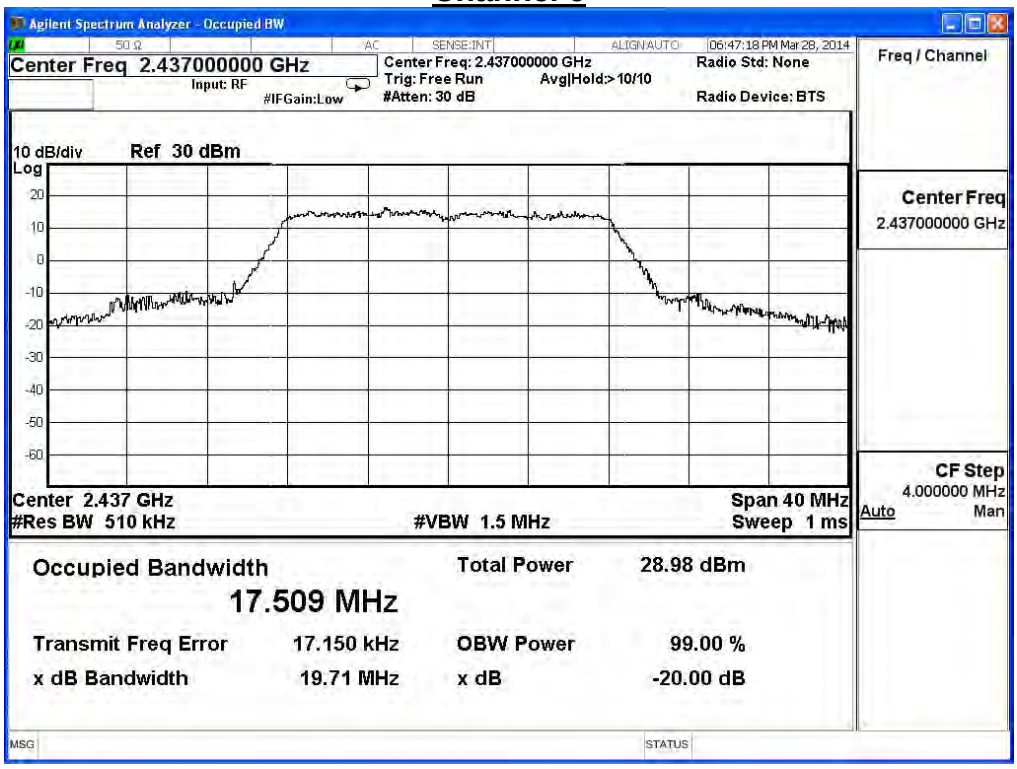
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE 802.11b, ANT 1, RBW: 510KHz, VBW: 1.5MHz, SPAN: 40MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1 | 2412 | 19.42 | ≧0.5 | Pass |
| 6 | 2437 | 19.71 | ≧0.5 | Pass |
| 11 | 2462 | 19.56 | ≧0.5 | Pass |

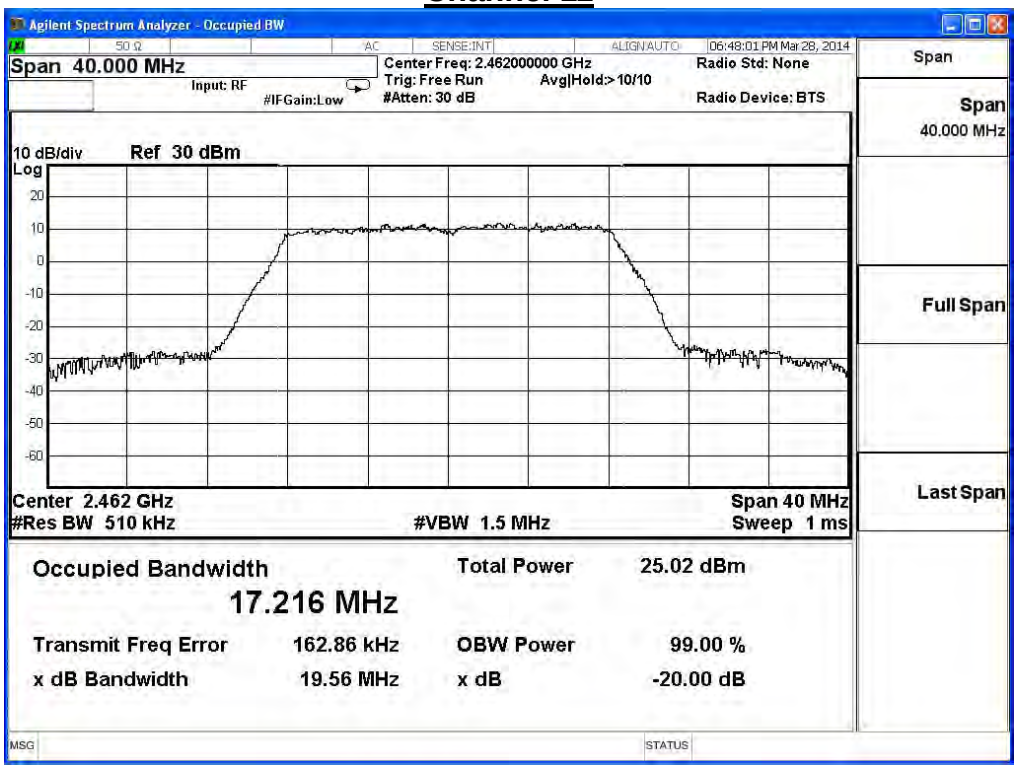
**Channel 1**



## Channel 6



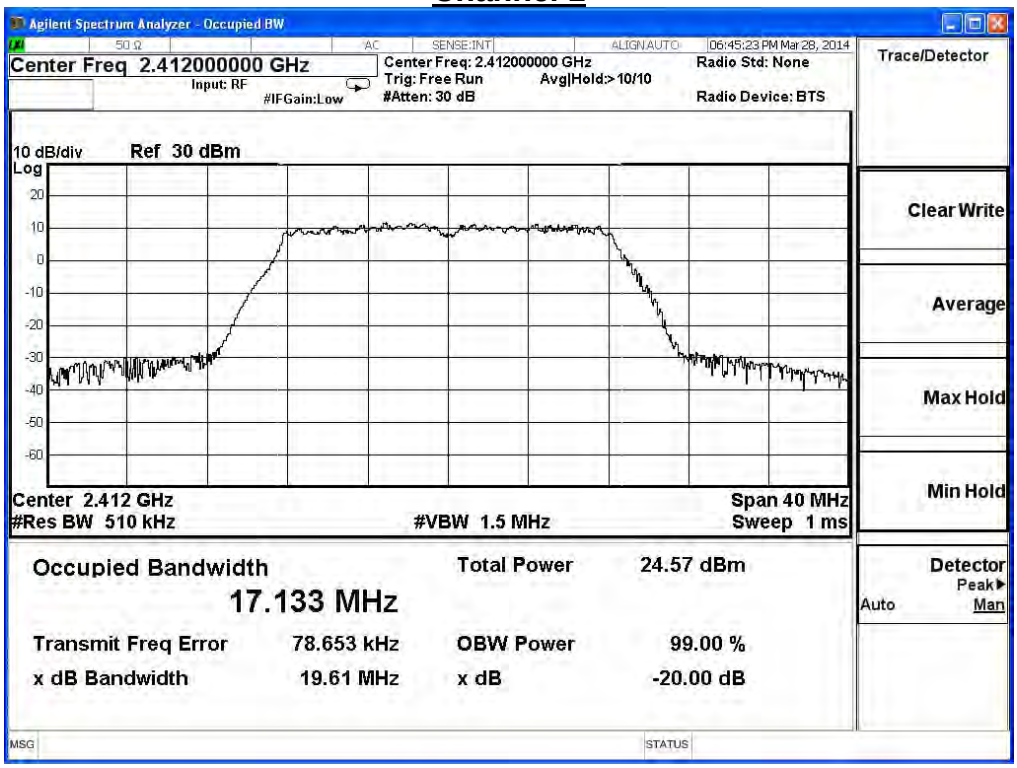

## Channel 11



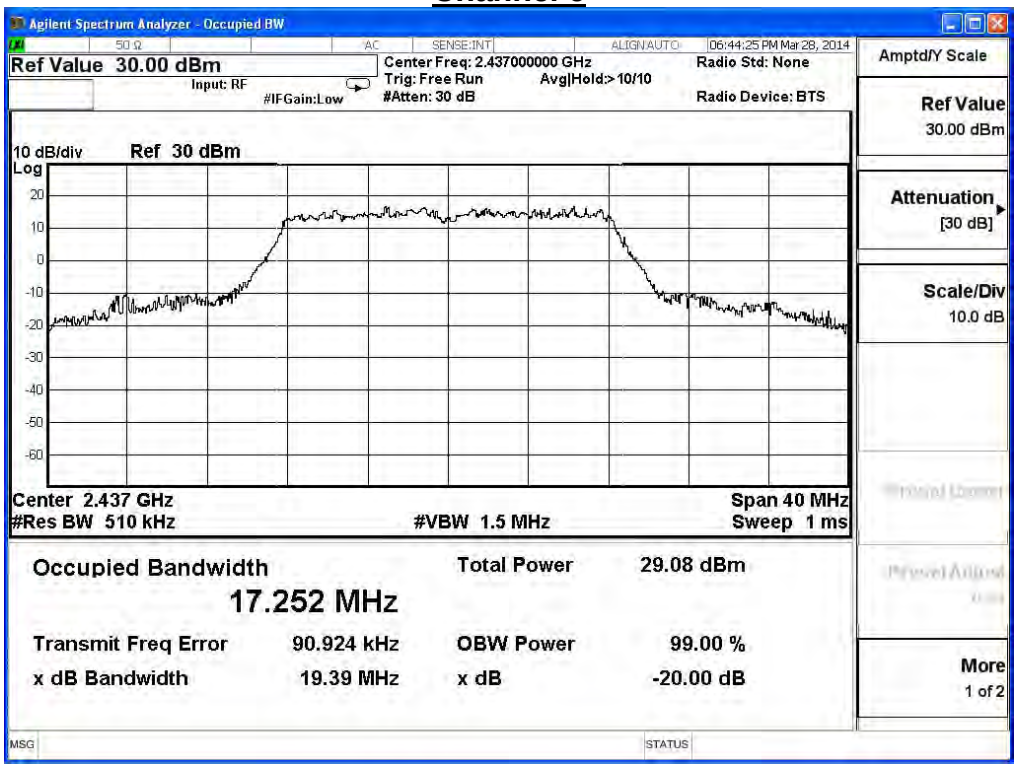
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE 802.11g, ANT 2, RBW: 510KHz, VBW: 1.5MHz, SPAN: 40MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1 | 2412 | 19.61 | ≧0.5 | Pass |
| 6 | 2437 | 19.39 | ≧0.5 | Pass |
| 11 | 2462 | 19.61 | ≧0.5 | Pass |

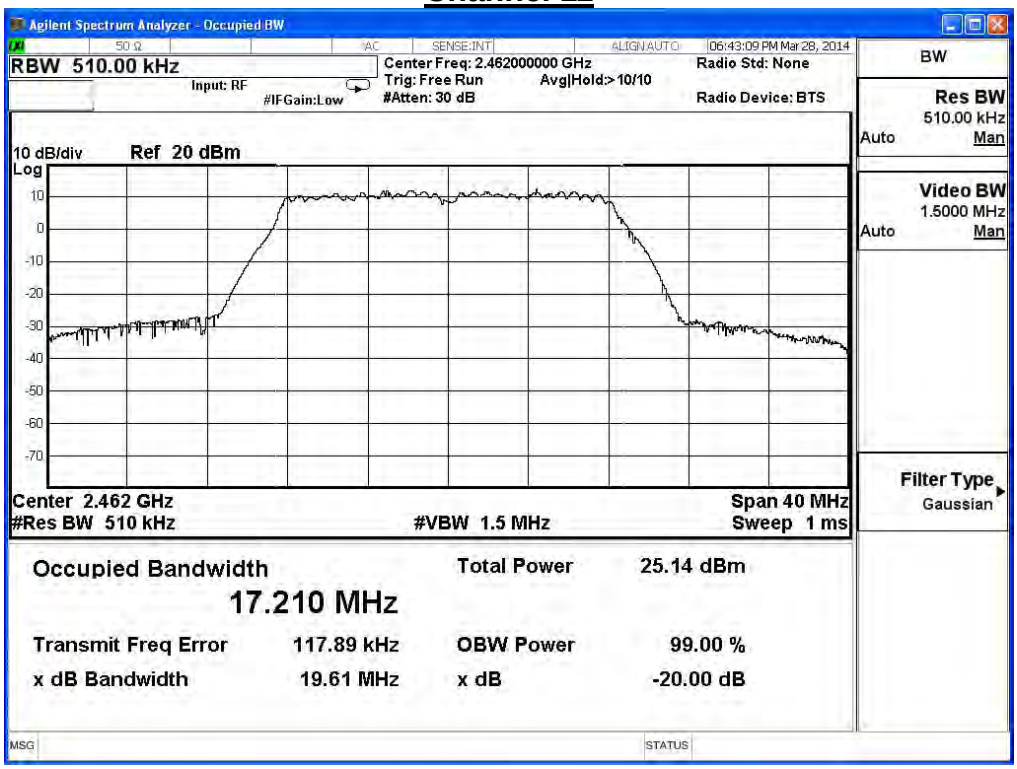
**Channel 1**



## Channel 6



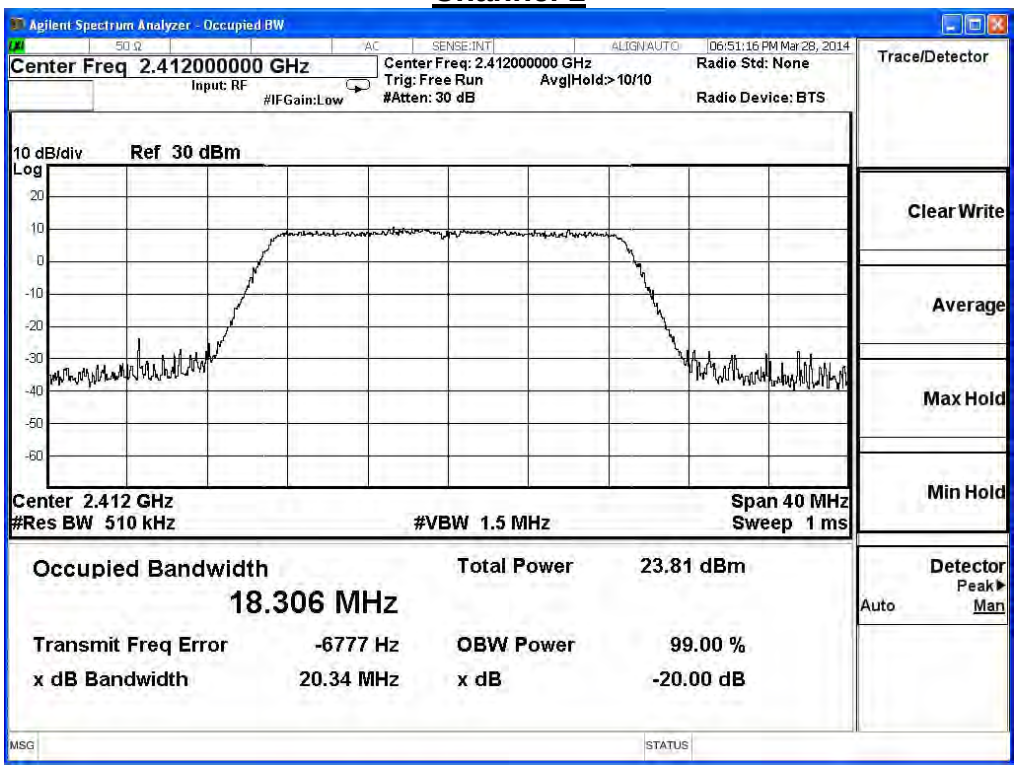

## Channel 11



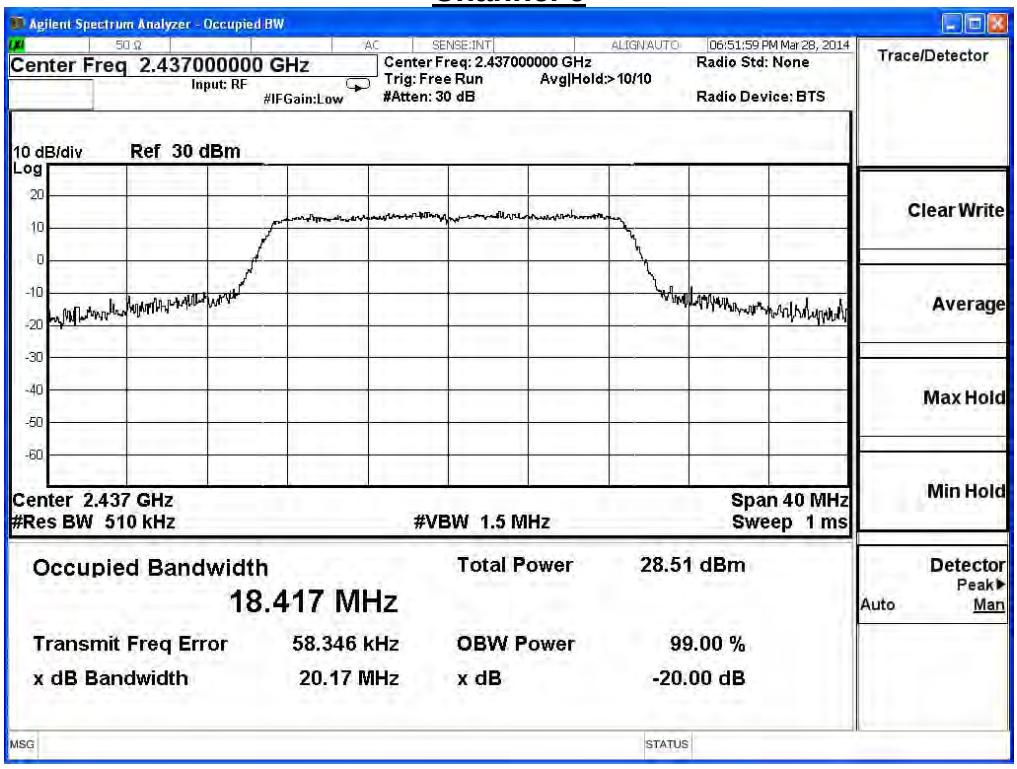
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE 802.11n (20MHz), ANT 0, RBW: 510KHz, VBW: 1.5MHz, SPAN: 40MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1 | 2412 | 20.34 | ≧0.5 | Pass |
| 6 | 2437 | 20.17 | ≧0.5 | Pass |
| 11 | 2462 | 20.18 | ≧0.5 | Pass |

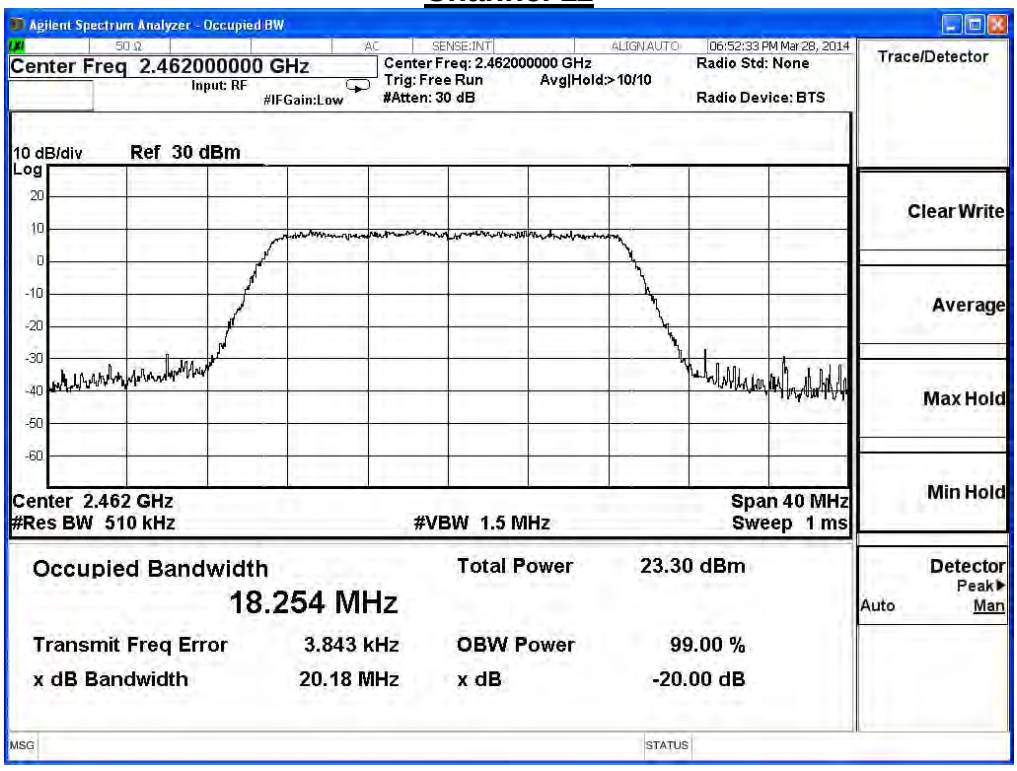
**Channel 1**



## Channel 6



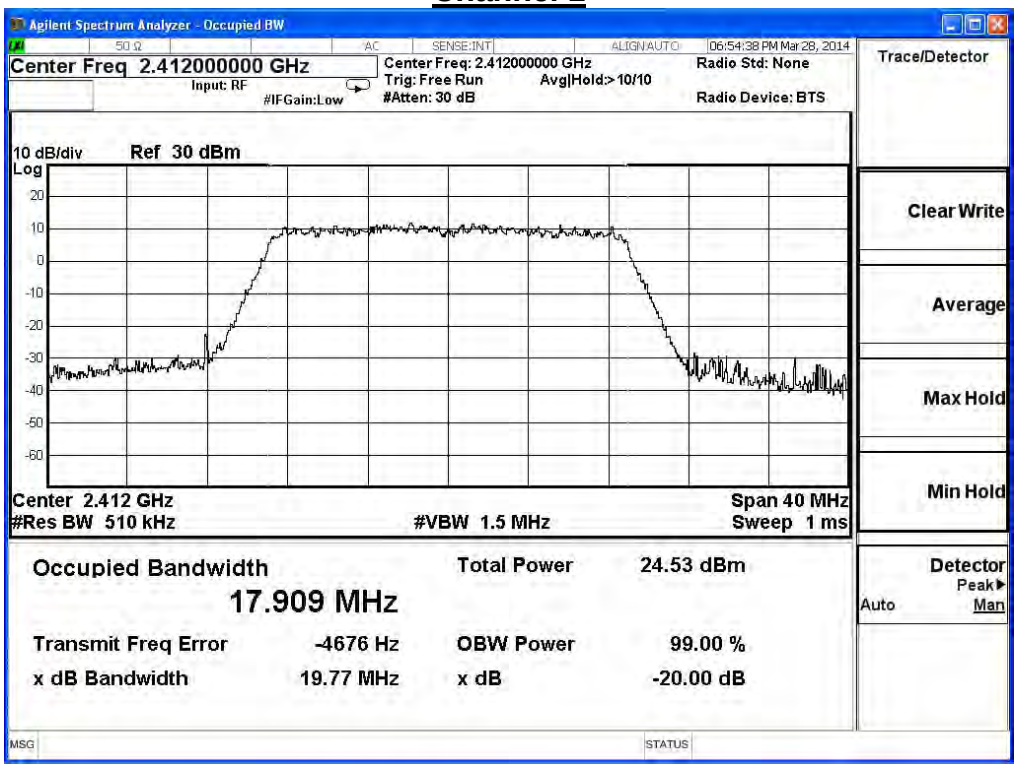

## Channel 11



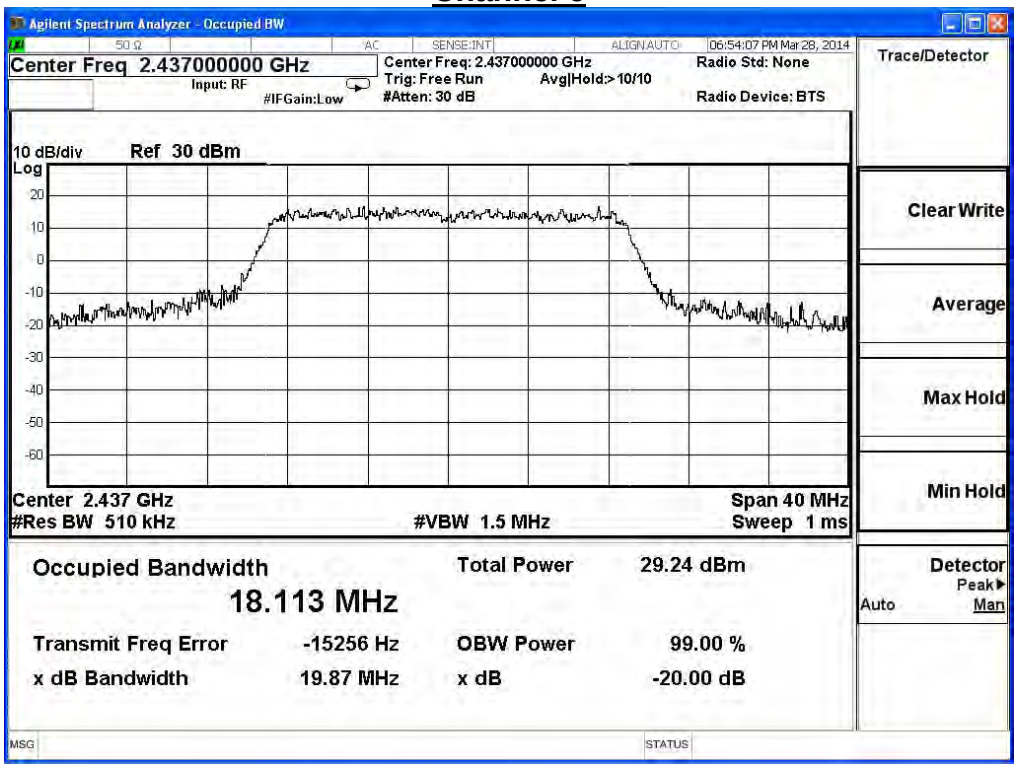
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE 802.11n (20MHz), ANT 1, RBW: 510KHz, VBW: 1.5MHz, SPAN: 40MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1 | 2412 | 19.77 | ≧0.5 | Pass |
| 6 | 2437 | 19.87 | ≧0.5 | Pass |
| 11 | 2462 | 19.89 | ≧0.5 | Pass |

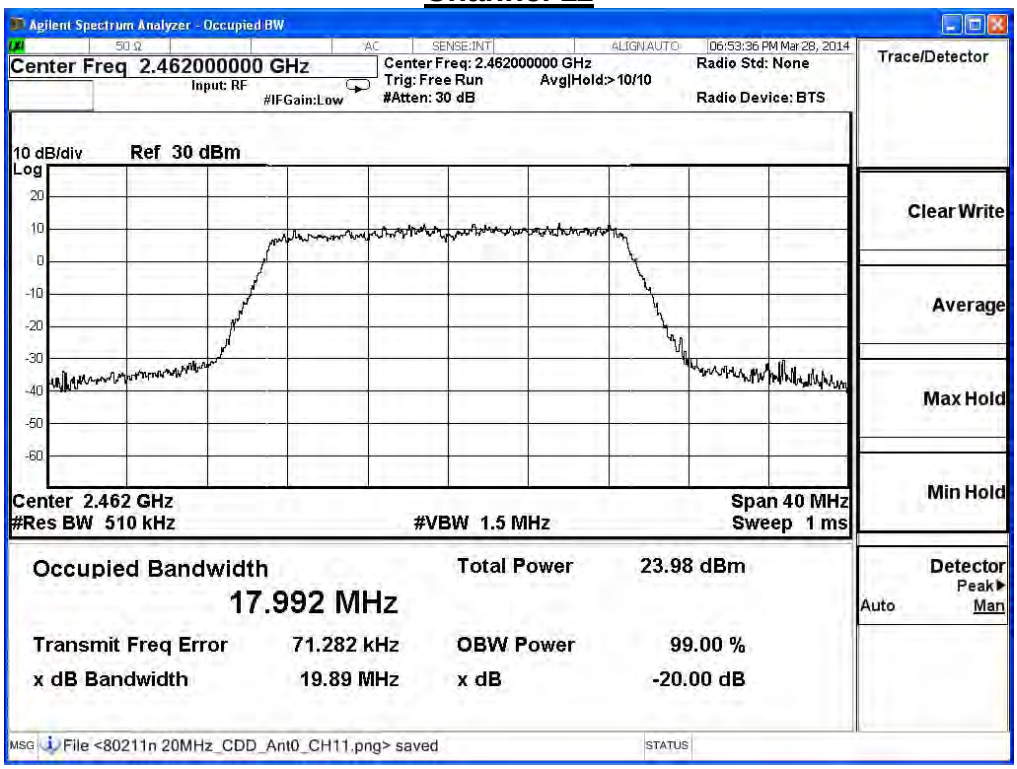
**Channel 1**



## Channel 6



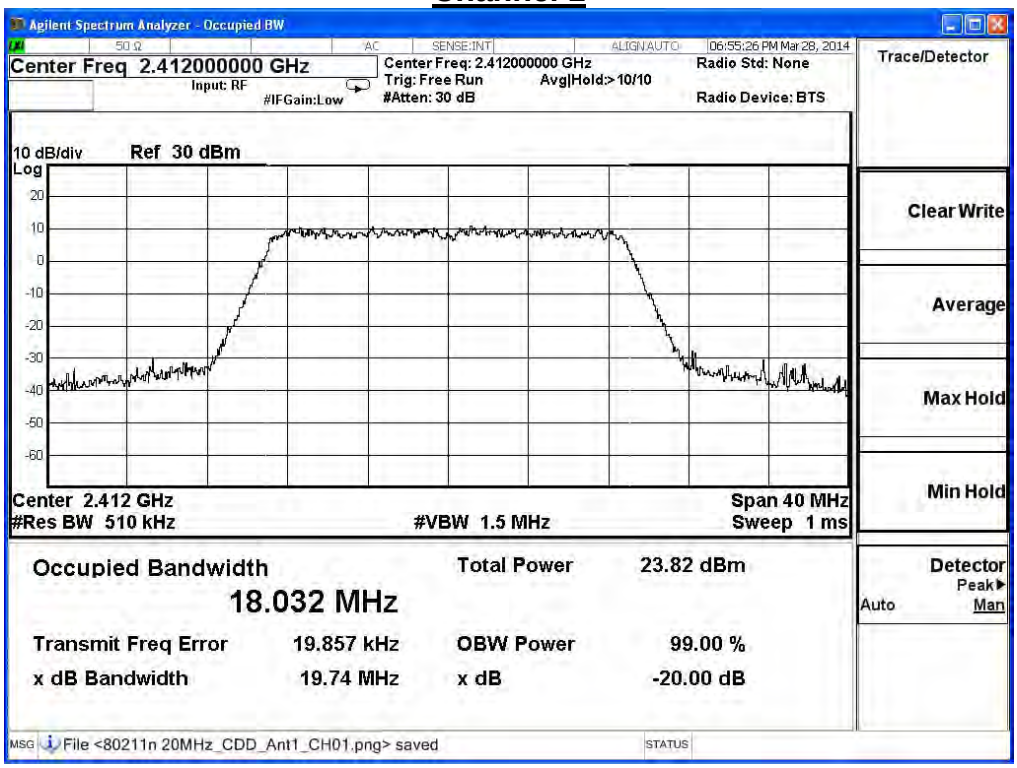

## Channel 11



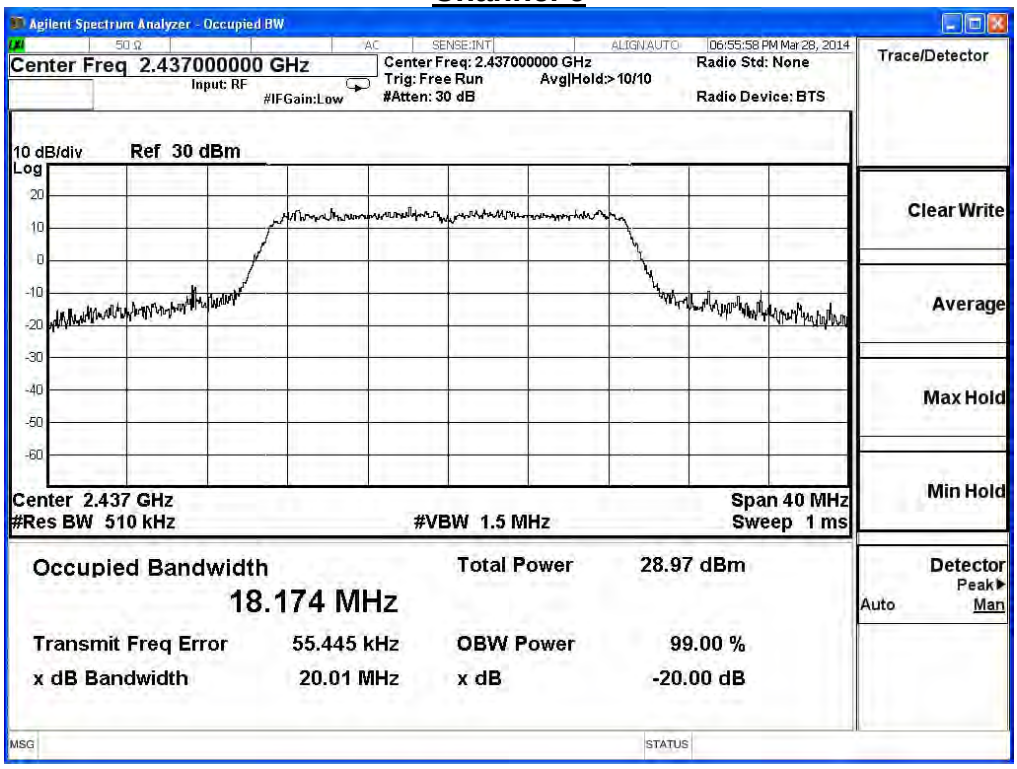
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE 802.11n (20MHz), ANT 2, RBW: 510KHz, VBW: 1.5MHz, SPAN: 40MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 1 | 2412 | 19.74 | ≧0.5 | Pass |
| 6 | 2437 | 20.01 | ≧0.5 | Pass |
| 11 | 2462 | 19.97 | ≧0.5 | Pass |

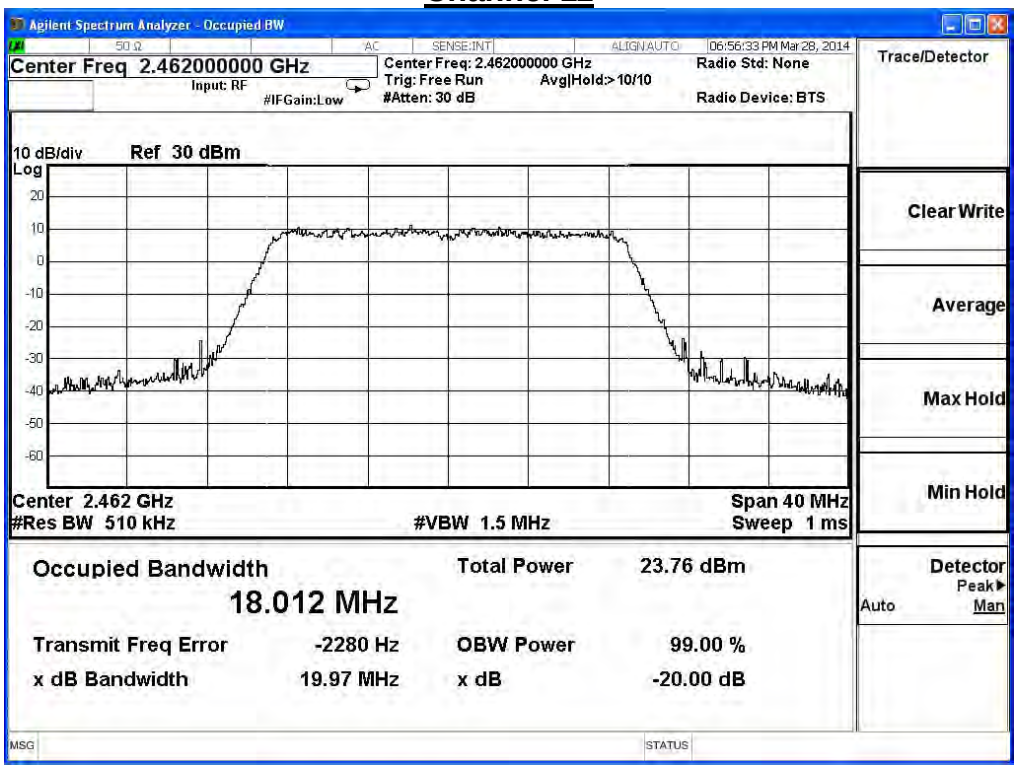
**Channel 1**



## Channel 6



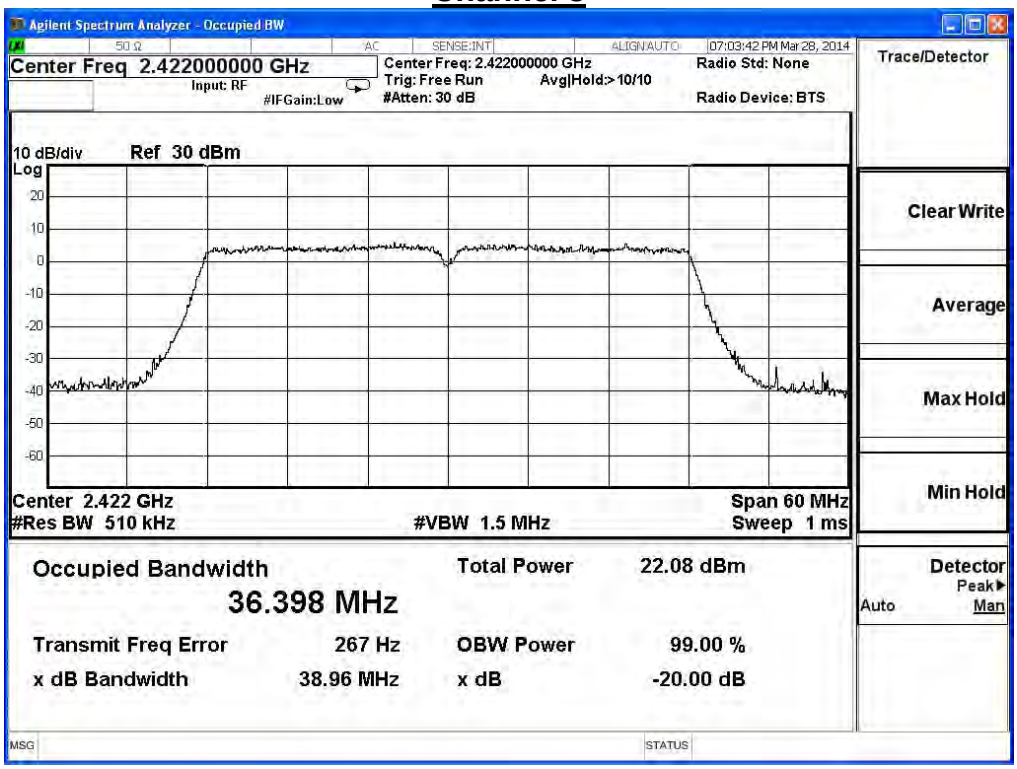

## Channel 11



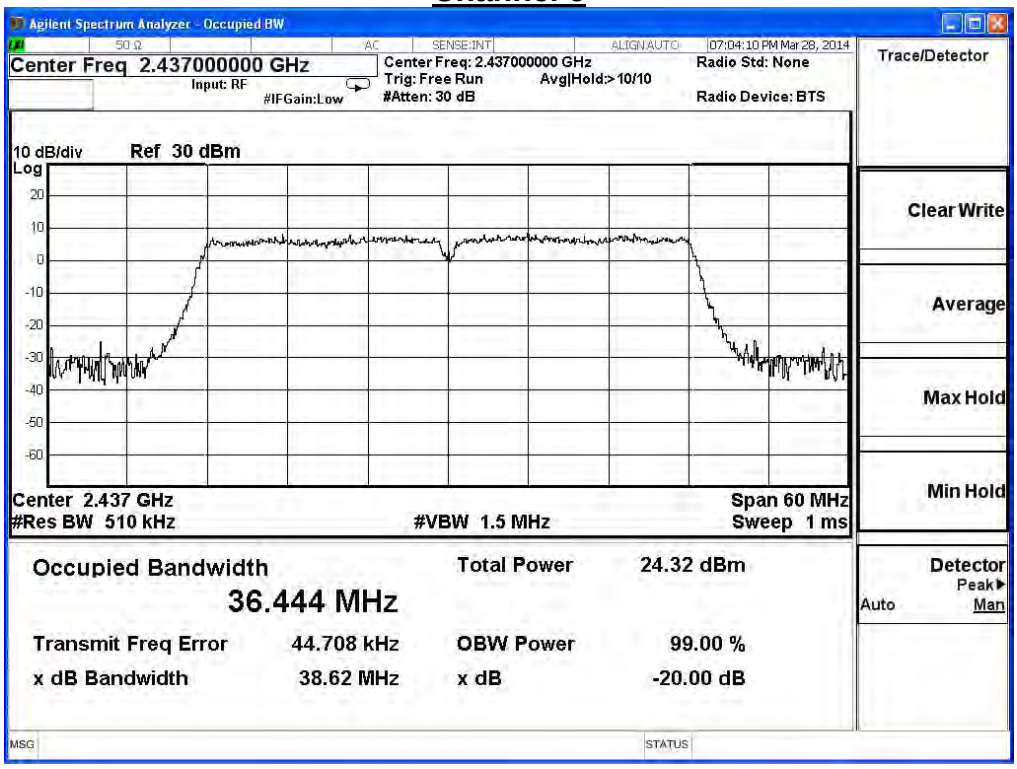
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE 802.11n (40MHz), ANT 0, RBW: 510KHz, VBW: 1.5MHz, SPAN: 60MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 3 | 2422 | 38.96 | ≧0.5 | Pass |
| 6 | 2437 | 38.62 | ≧0.5 | Pass |
| 9 | 2452 | 38.71 | ≧0.5 | Pass |

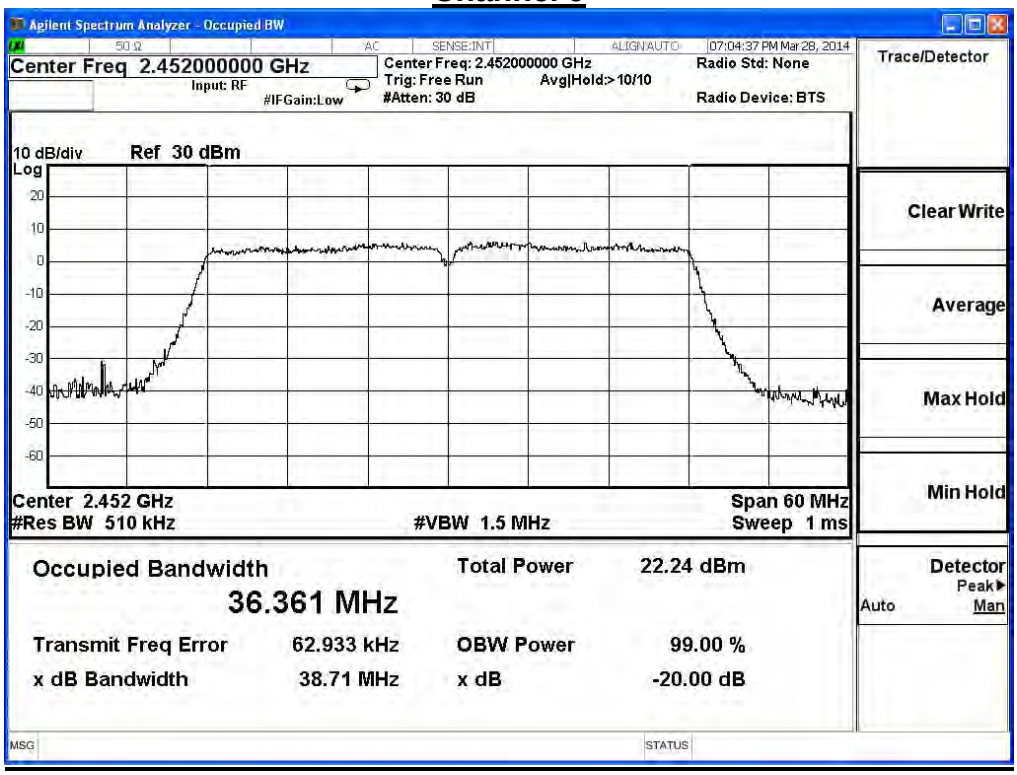
**Channel 3**



## Channel 6



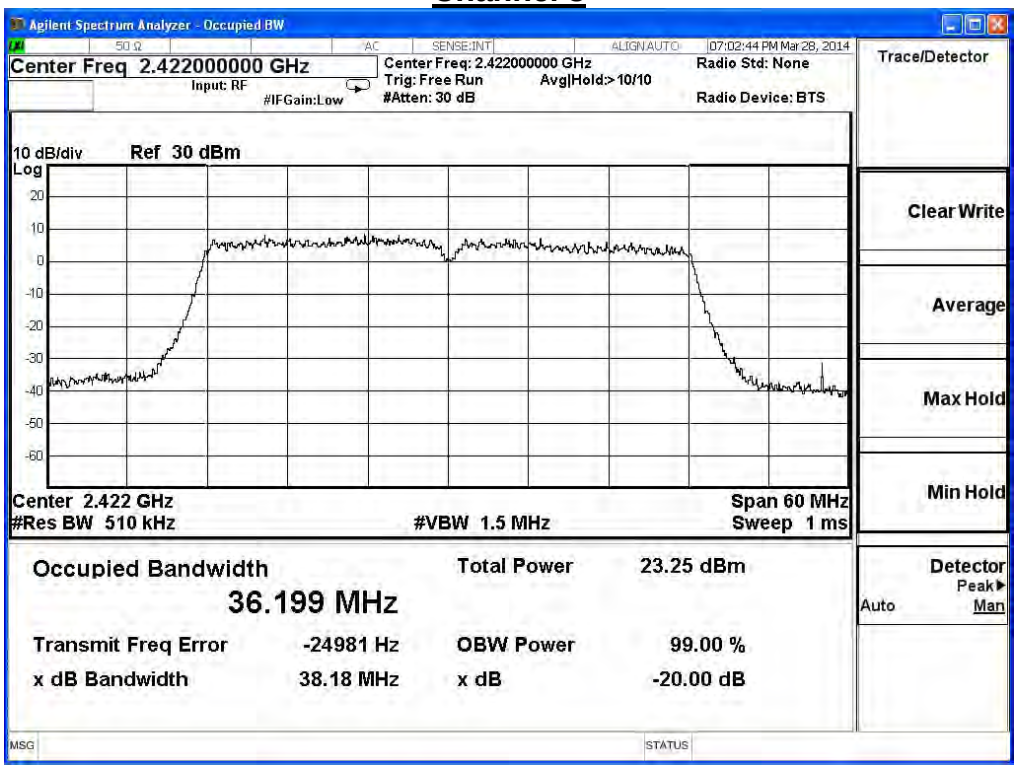

## Channel 9



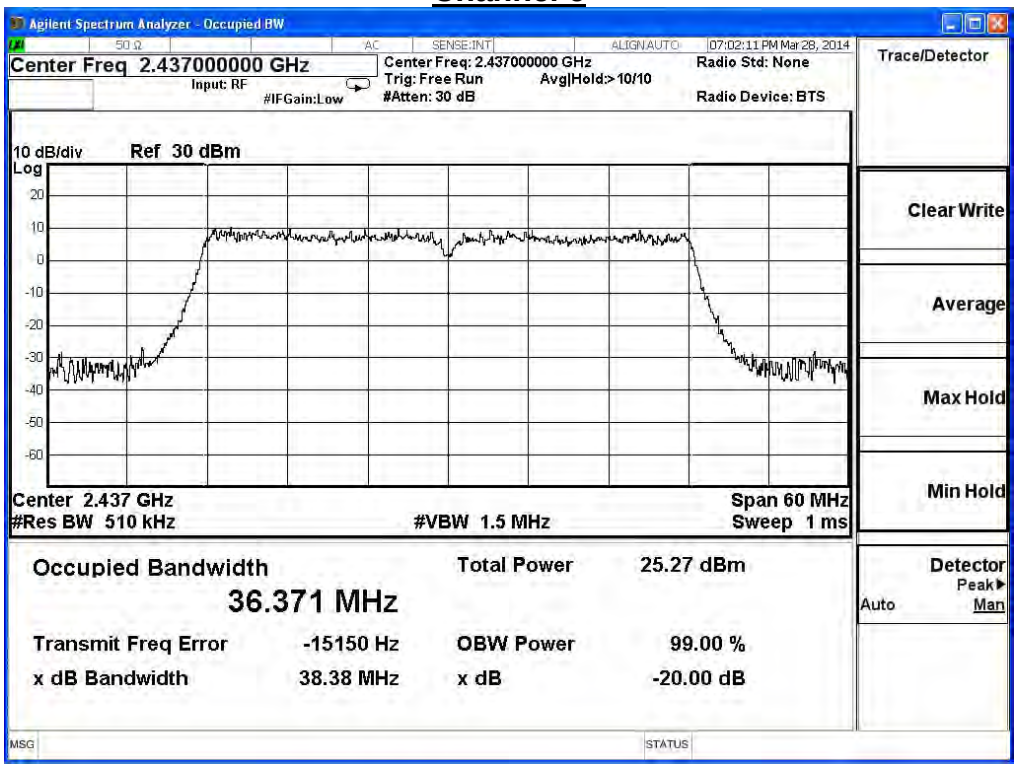
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE 802.11n (40MHz), ANT 1, RBW: 510KHz, VBW: 1.5MHz, SPAN: 60MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 3 | 2422 | 38.18 | ≧0.5 | Pass |
| 6 | 2437 | 38.38 | ≧0.5 | Pass |
| 9 | 2452 | 38.38 | ≧0.5 | Pass |

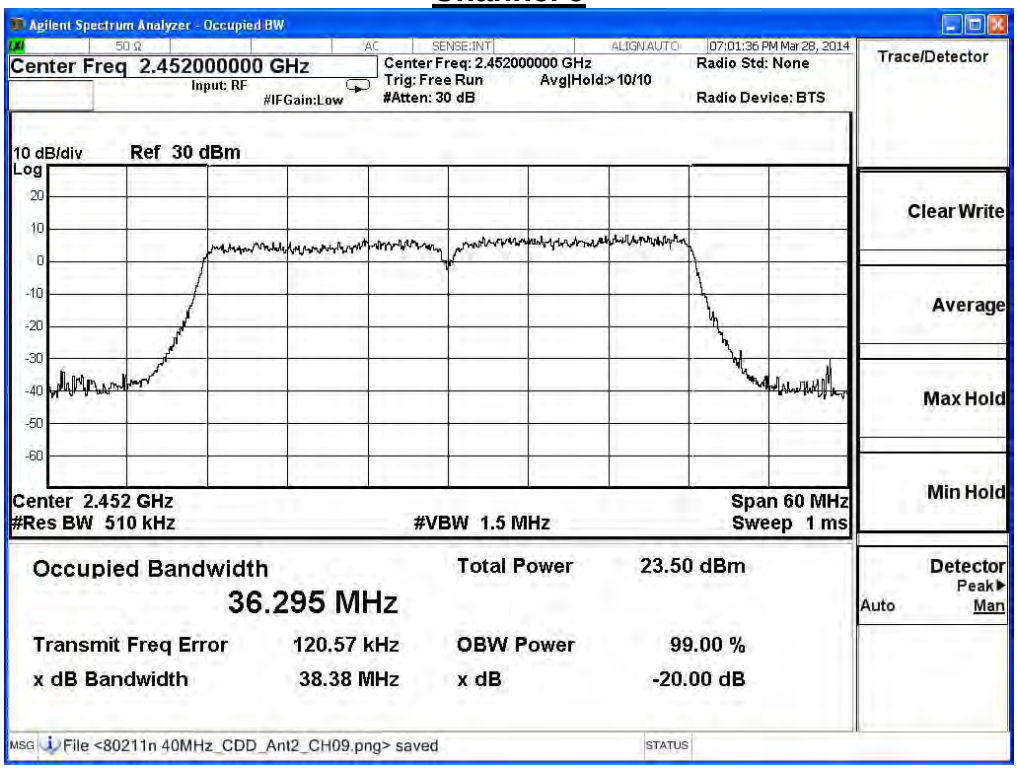
**Channel 3**



## Channel 6



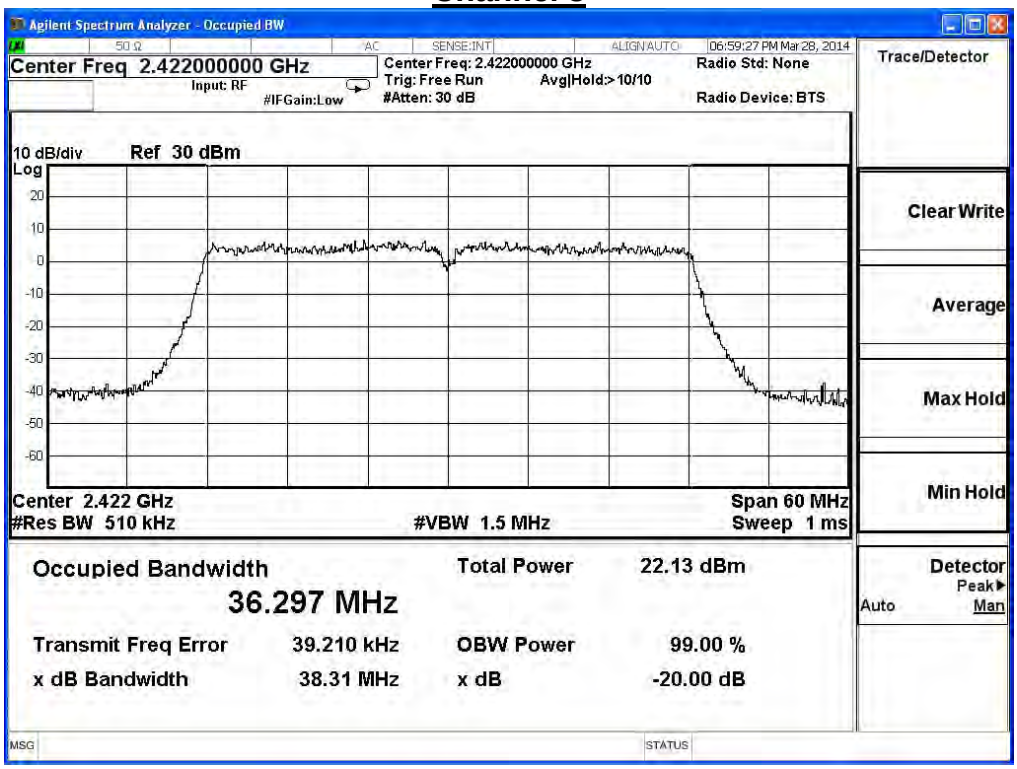

## Channel 9



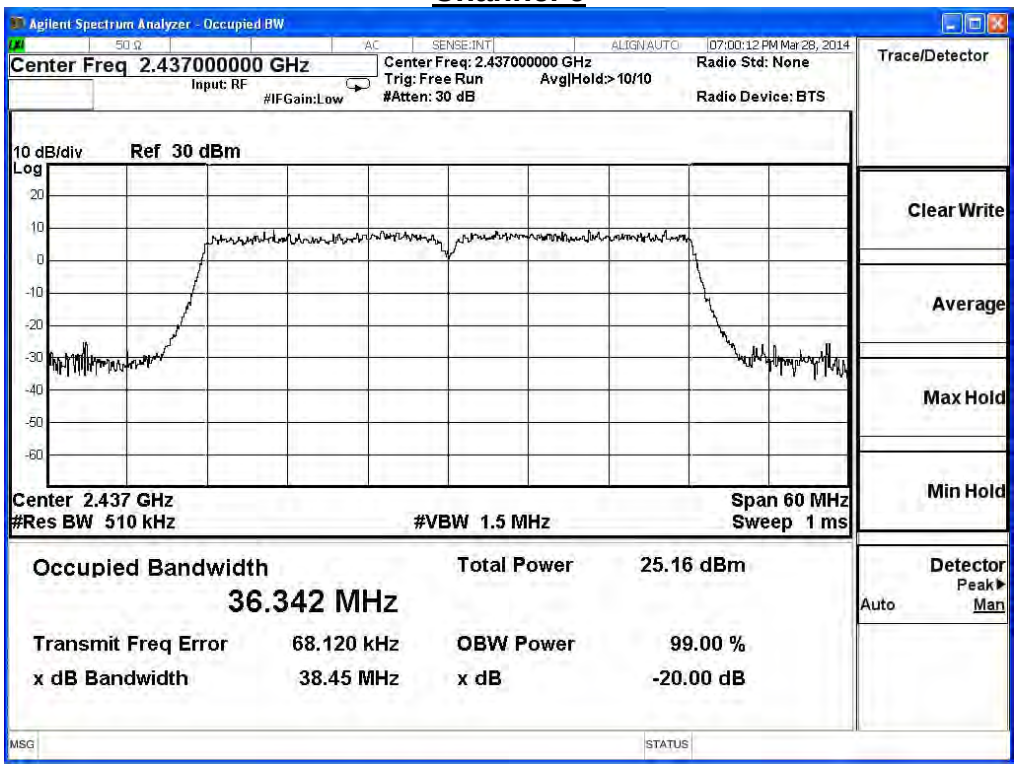
| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Occupied Bandwidth | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE 802.11n (40MHz), ANT 2, RBW: 510KHz, VBW: 1.5MHz, SPAN: 60MHz | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement Level (MHz) | Required Limit (MHz) | Result |
| 3 | 2422 | 38.31 | ≧0.5 | Pass |
| 6 | 2437 | 38.45 | ≧0.5 | Pass |
| 9 | 2452 | 38.28 | ≧0.5 | Pass |

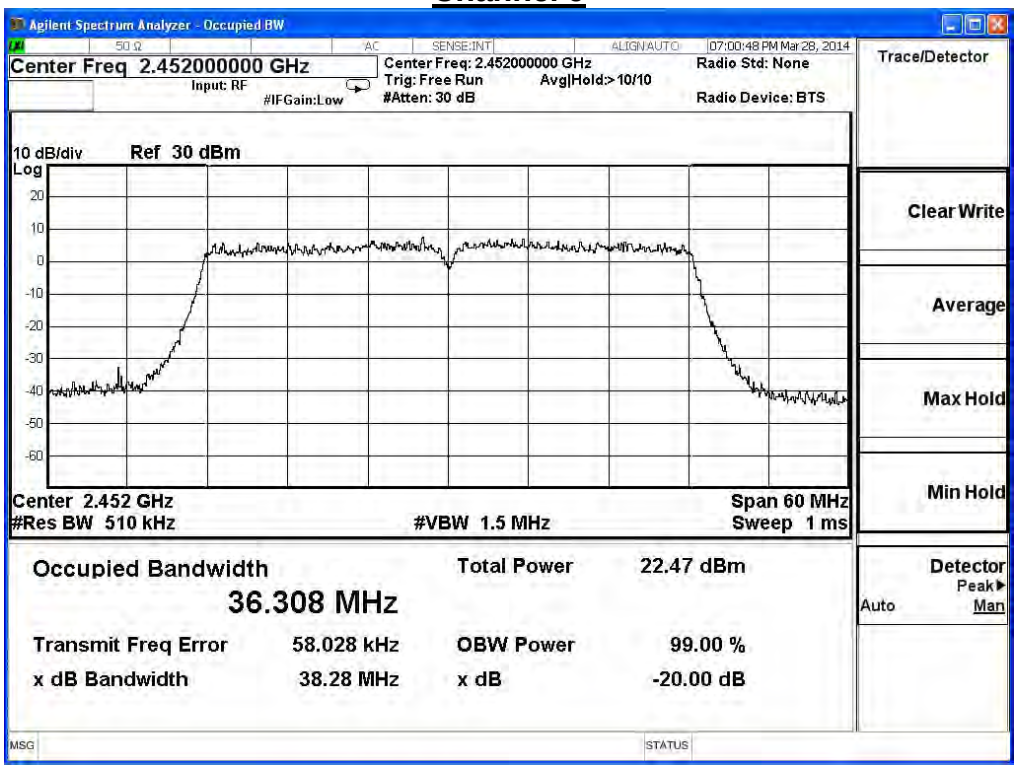
**Channel 3**



## Channel 6




## Channel 9



# 8. Power Density

## 8.1. Test Equipment

The following test equipment is used during the test:

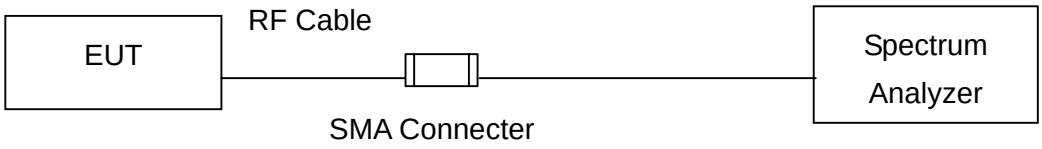
Power Density / SR7

| Instrument | Manufacturer | Model No. | Serial No | Next Cal. Date |
|---|---|---|---|---|
| Spectrum Analyzer | Agilent | N9010A-EXA | US47140172 | 2014/08/05 |

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

## 8.2. Test Setup

IEEE 802.11 b / g / n ( 20M / 40M ) MODE




## 8.3. Limits

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8dBm in any 3kHz to 100kHz band during any time interval of continuous transmission.

## 8.4. Test Procedures

The EUT was setup according to ANSI C63.4: 2009; tested according to DTS test procedure section 10.2 of KDB558074 v03r01 for compliance to FCC 47CFR 15.247 requirements.
Set 3KHz ≦RBW≦100 kHz, Set VBW≧3xRBW, Sweep time=Auto, Set Peak detector;

## 8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2013

## 8.6. Uncertainty

The measurement uncertainty is defined as ±1.27dB.

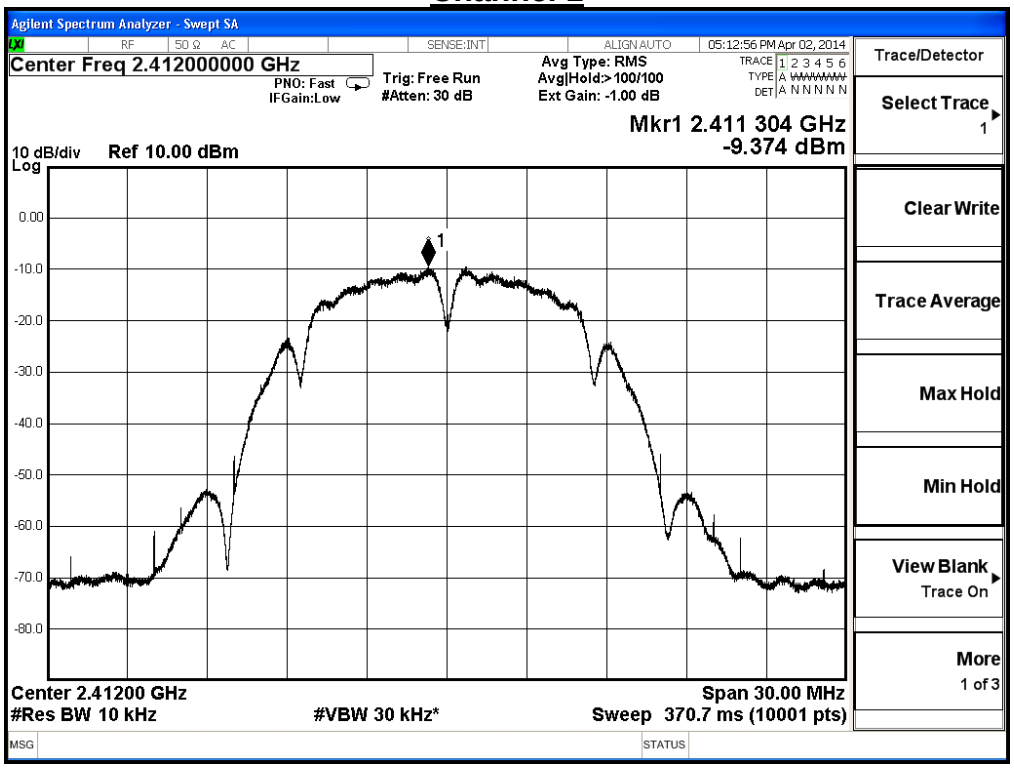
## 8.7. Test Result

| Product | Wireless HD Day/Night Cloud Camera | | |
|---|---|---|---|
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

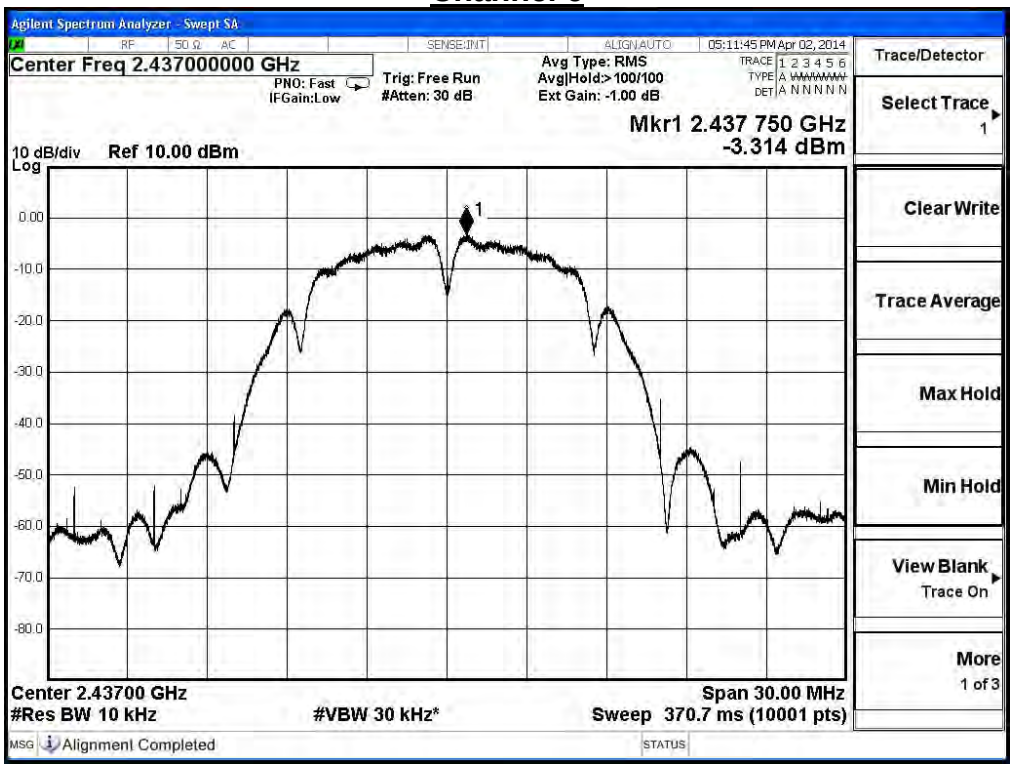
| IEEE 802.11b, ANT 0 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -9.374 | ≦7.23 | Pass |
| 6 | 2437 | -3.314 | ≦7.23 | Pass |
| 11 | 2462 | -10.020 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

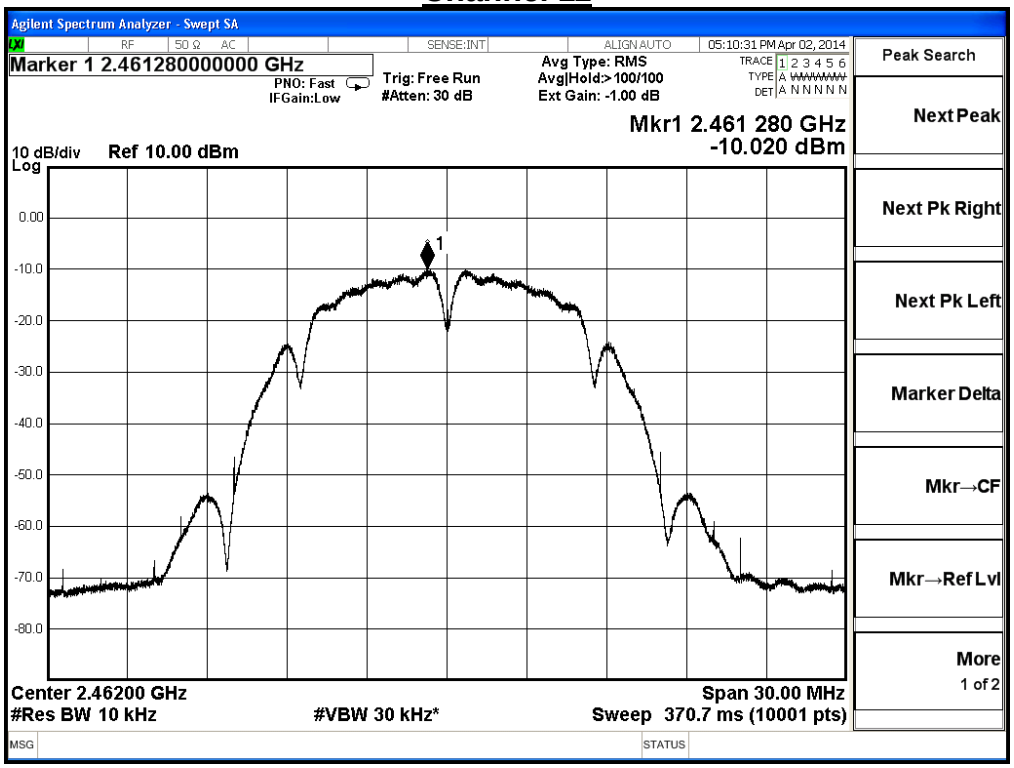
**Channel 1**



## Channel 6




## Channel 11

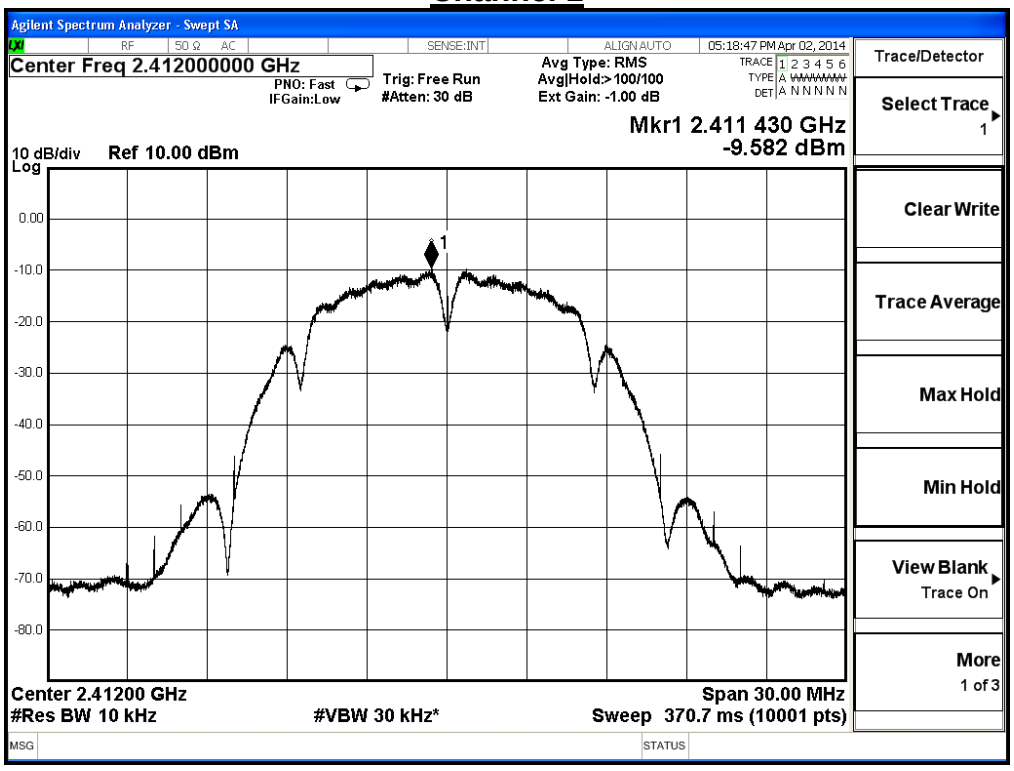


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

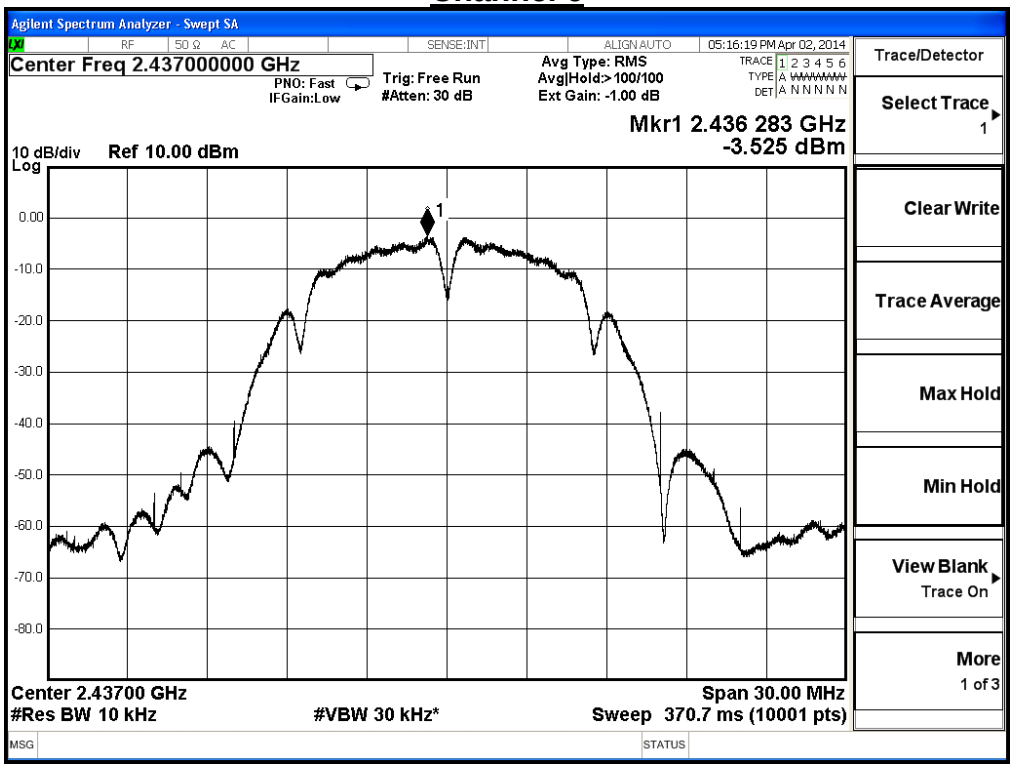
| IEEE 802.11b, ANT 1 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -9.582 | ≦7.23 | Pass |
| 6 | 2437 | -3.525 | ≦7.23 | Pass |
| 11 | 2462 | -10.296 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

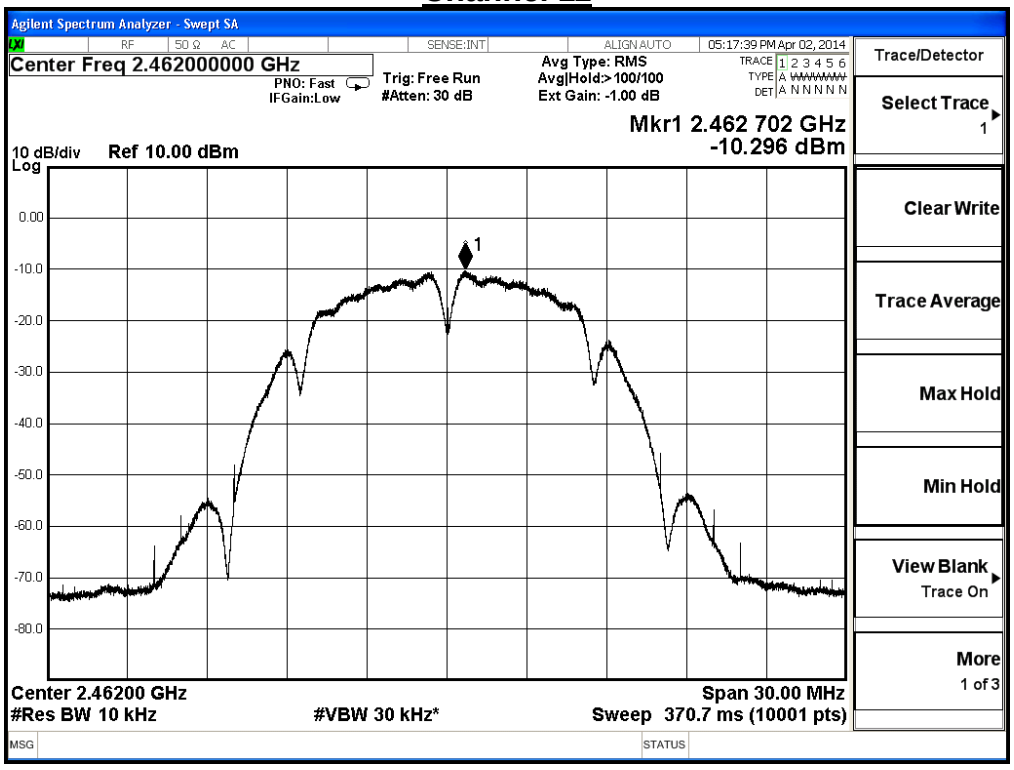
**Channel 1**



## Channel 6




## Channel 11

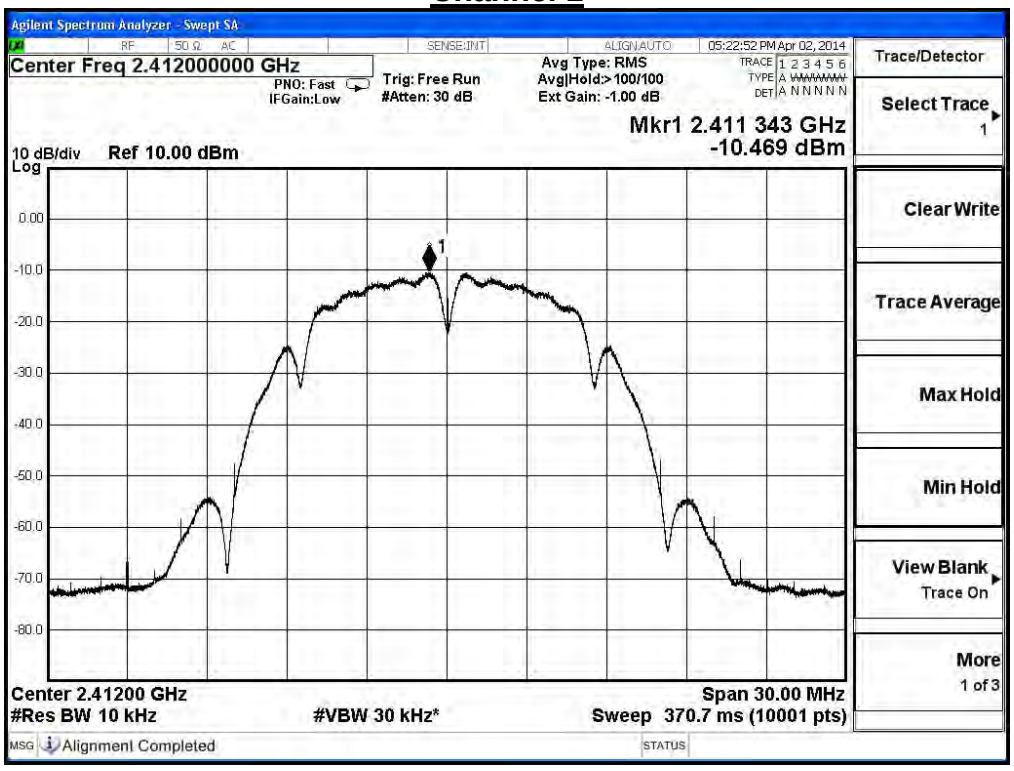


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

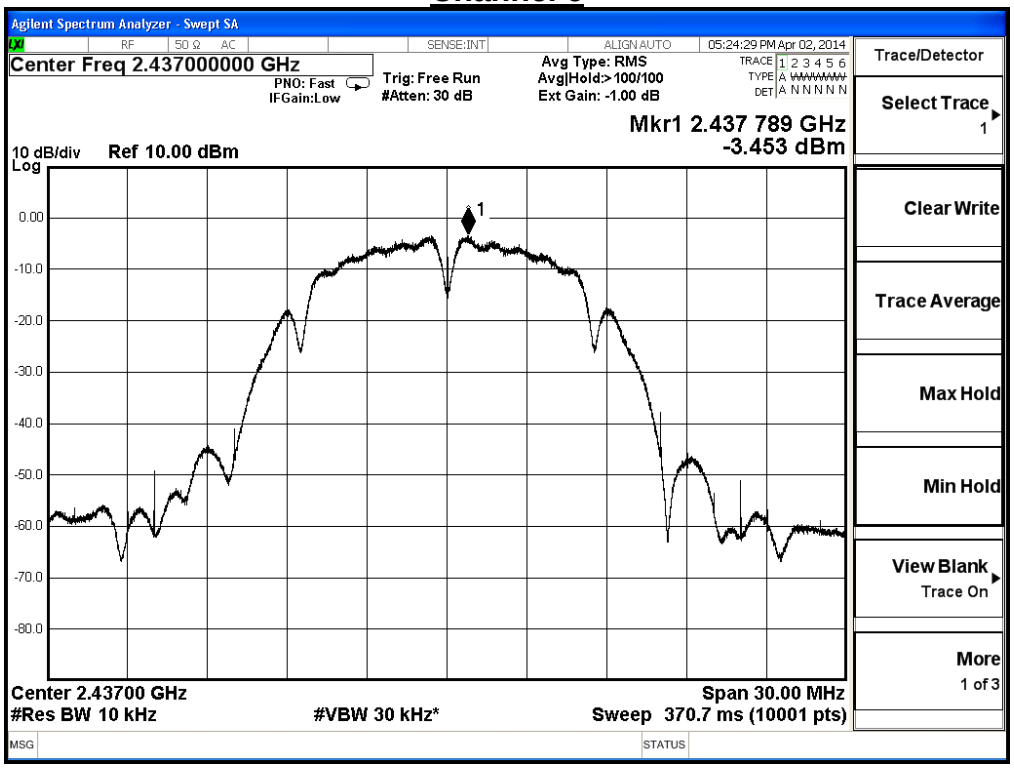
| IEEE 802.11b, ANT 2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -10.469 | ≦7.23 | Pass |
| 6 | 2437 | -3.453 | ≦7.23 | Pass |
| 11 | 2462 | -10.484 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

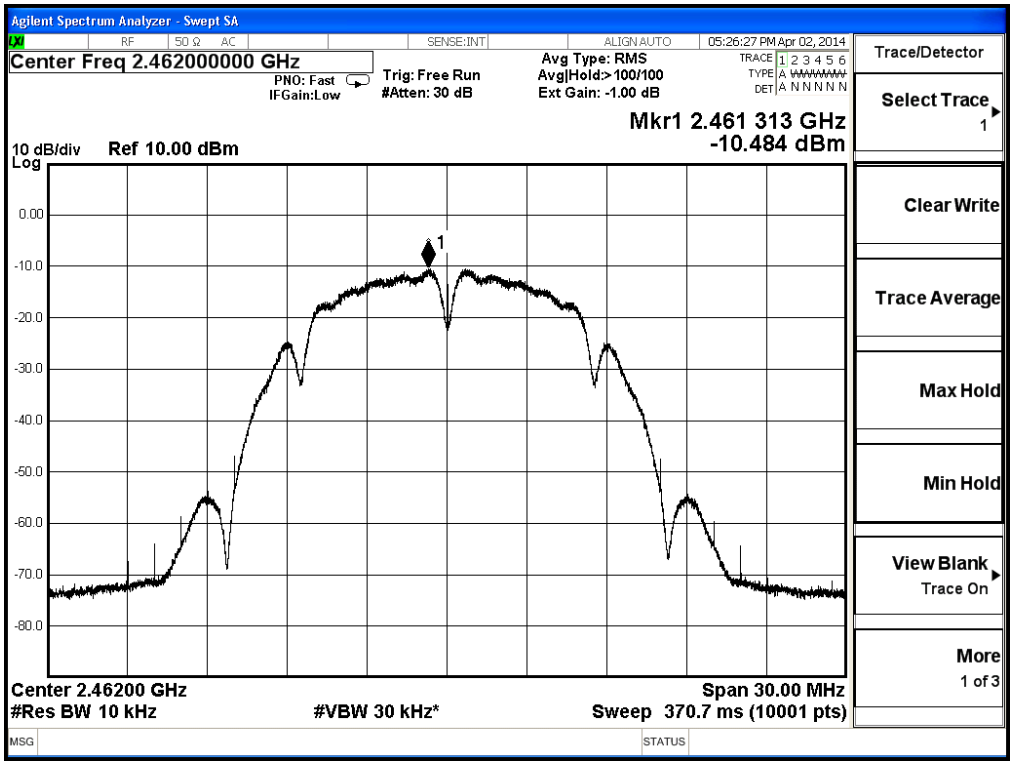
**Channel 1**



## Channel 6




## Channel 11



| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

IEEE 802.11b, ANT 0+1+2

| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|
| 1 | 2412 | -5.012 | ≦7.23 | Pass |
| 6 | 2437 | 1.341 | ≦7.23 | Pass |
| 11 | 2462 | -5.491 | ≦7.23 | Pass |

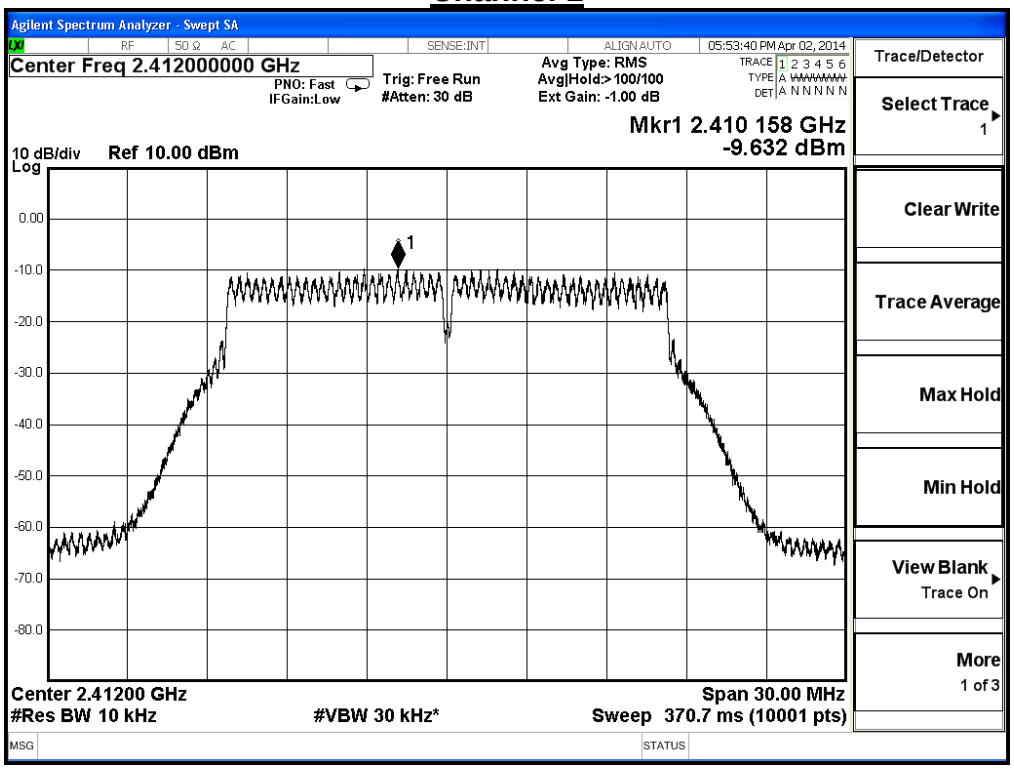
Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

| Product | Wireless HD Day/Night Cloud Camera | | |
|---|---|---|---|
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

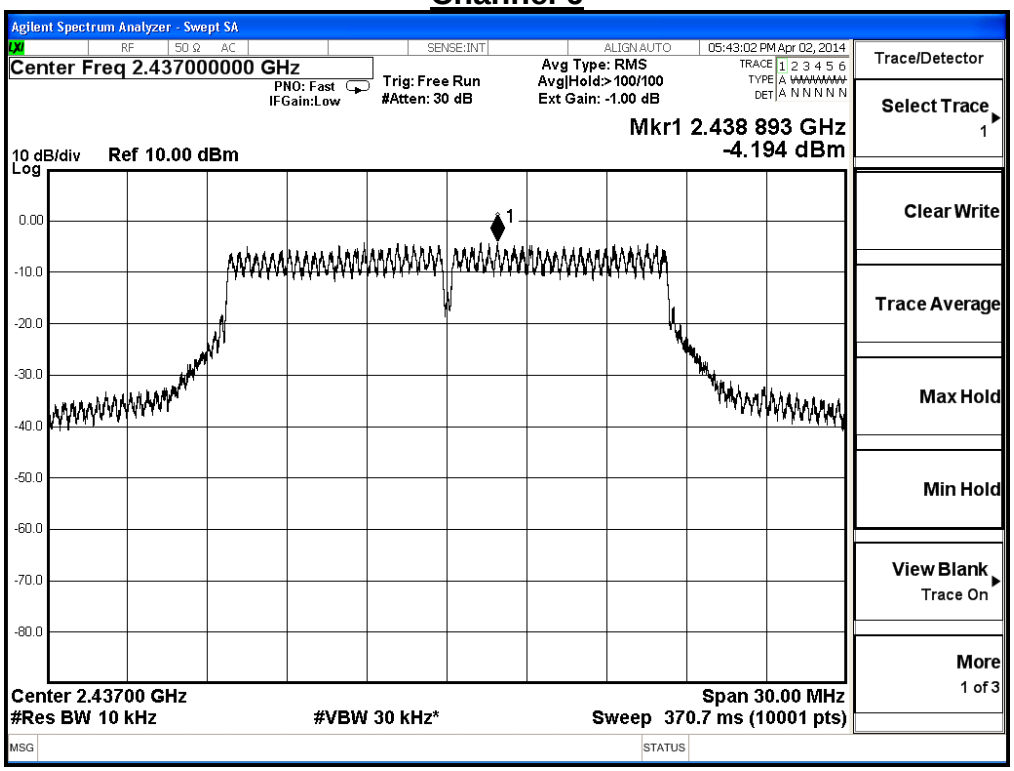
| IEEE 802.11g, ANT 0 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -9.632 | ≦7.23 | Pass |
| 6 | 2437 | -4.194 | ≦7.23 | Pass |
| 11 | 2462 | -8.693 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

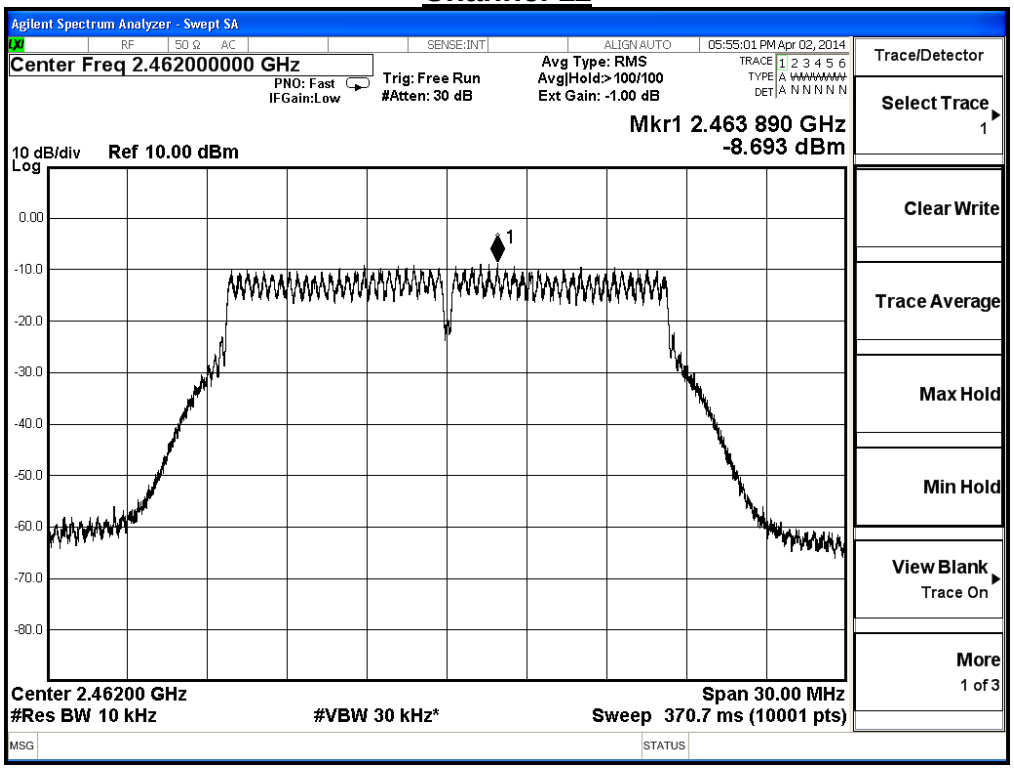
**Channel 1**



## Channel 6




## Channel 11

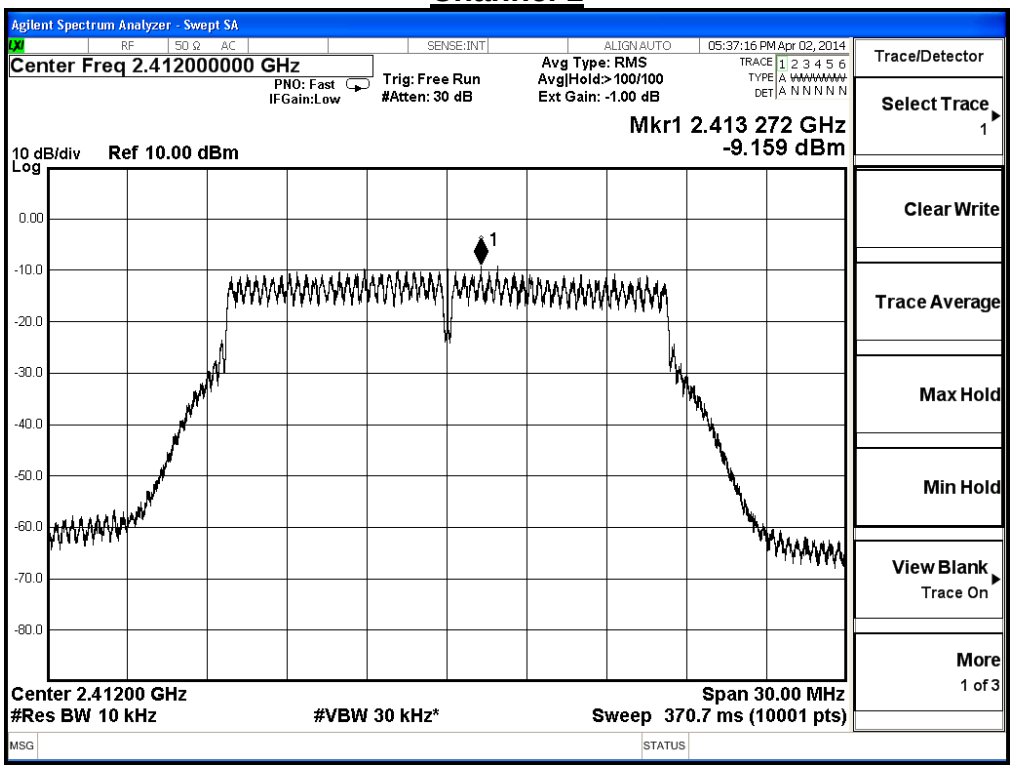


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

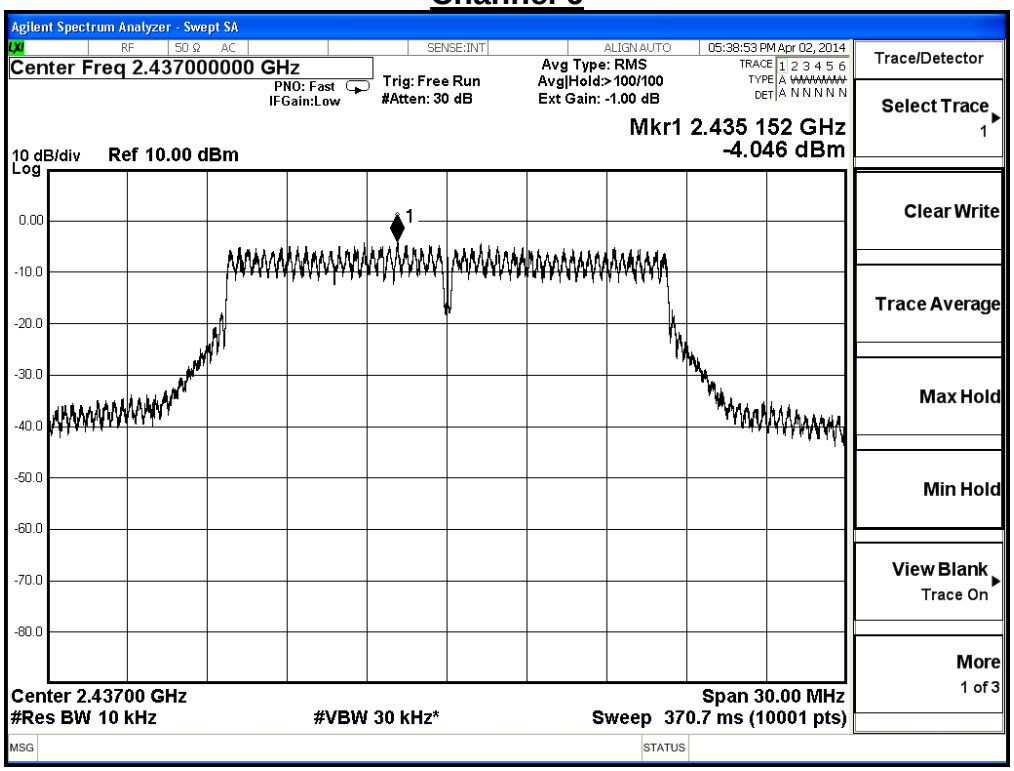
| IEEE 802.11g, ANT 1 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -9.159 | ≦7.23 | Pass |
| 6 | 2437 | -4.046 | ≦7.23 | Pass |
| 11 | 2462 | -8.826 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

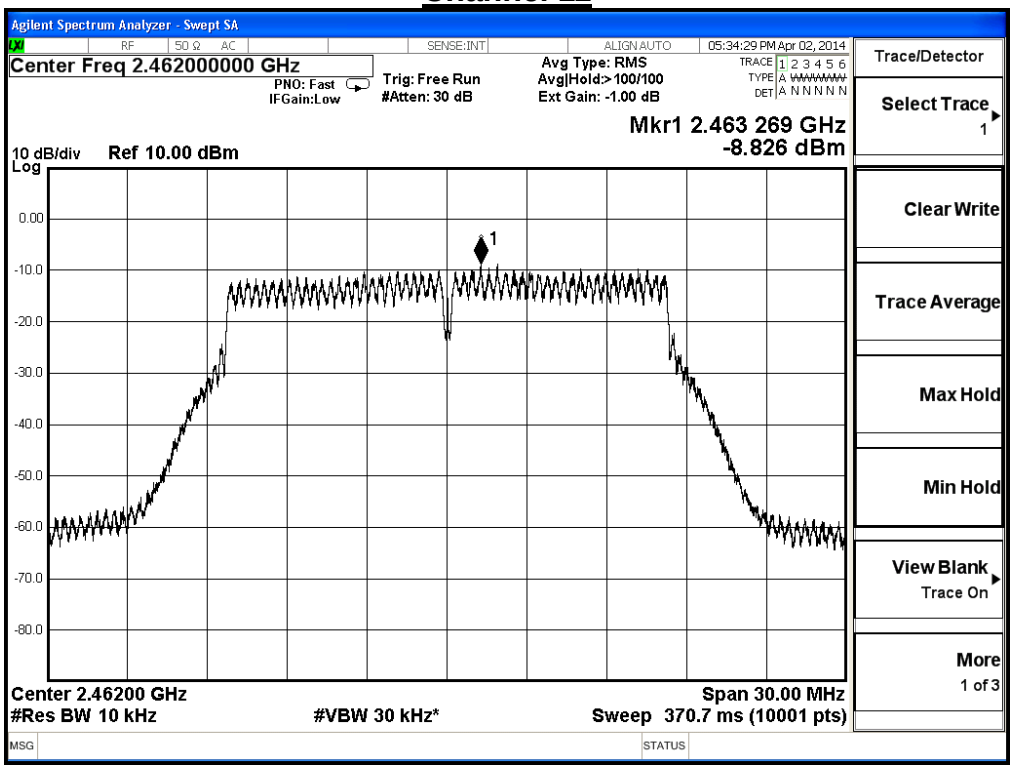
**Channel 1**



## Channel 6




## Channel 11

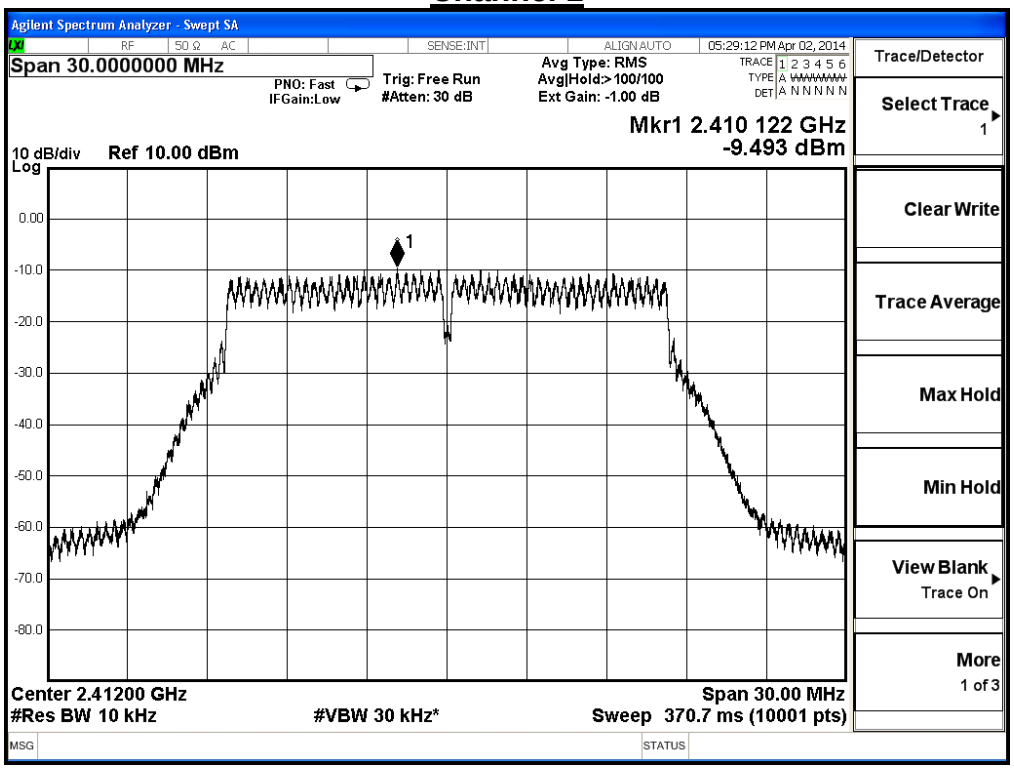


| Product | Wireless HD Day/Night Cloud Camera | | |
|---|---|---|---|
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

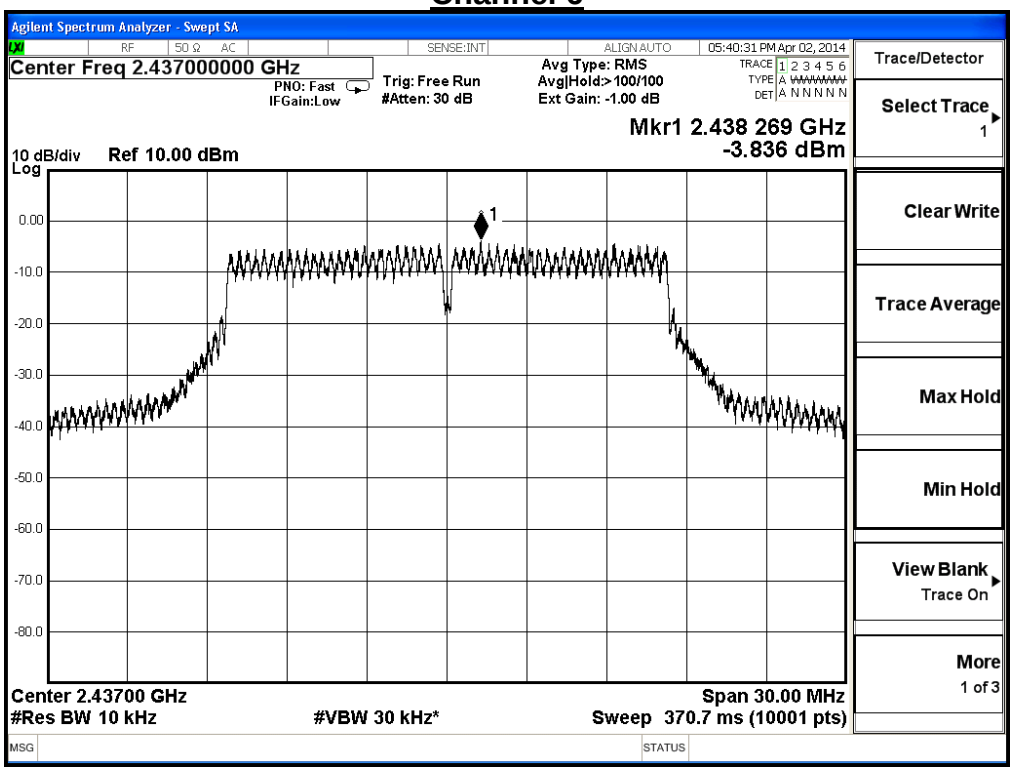
| IEEE 802.11g, ANT 2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -9.493 | ≦7.23 | Pass |
| 6 | 2437 | -3.836 | ≦7.23 | Pass |
| 11 | 2462 | -8.277 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

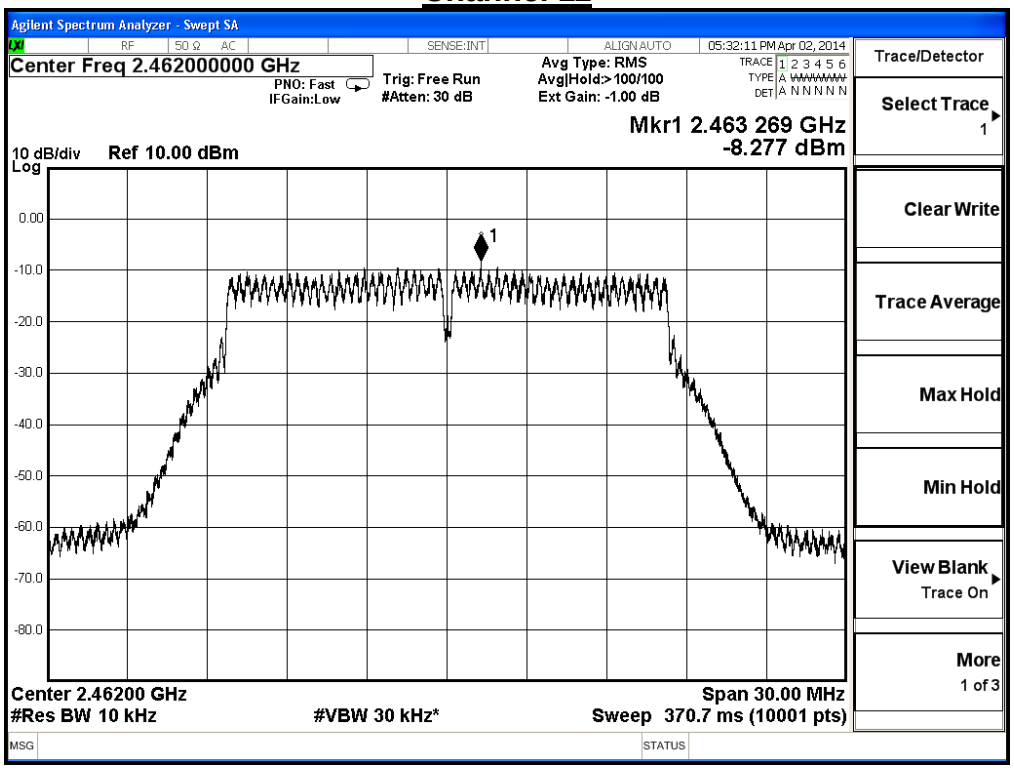
**Channel 1**



## Channel 6




## Channel 11



| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE 802.11g, ANT 0+1+2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measurement (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -4.652 | ≦7.23 | Pass |
| 6 | 2437 | 0.748 | ≦7.23 | Pass |
| 11 | 2462 | -3.821 | ≦7.23 | Pass |

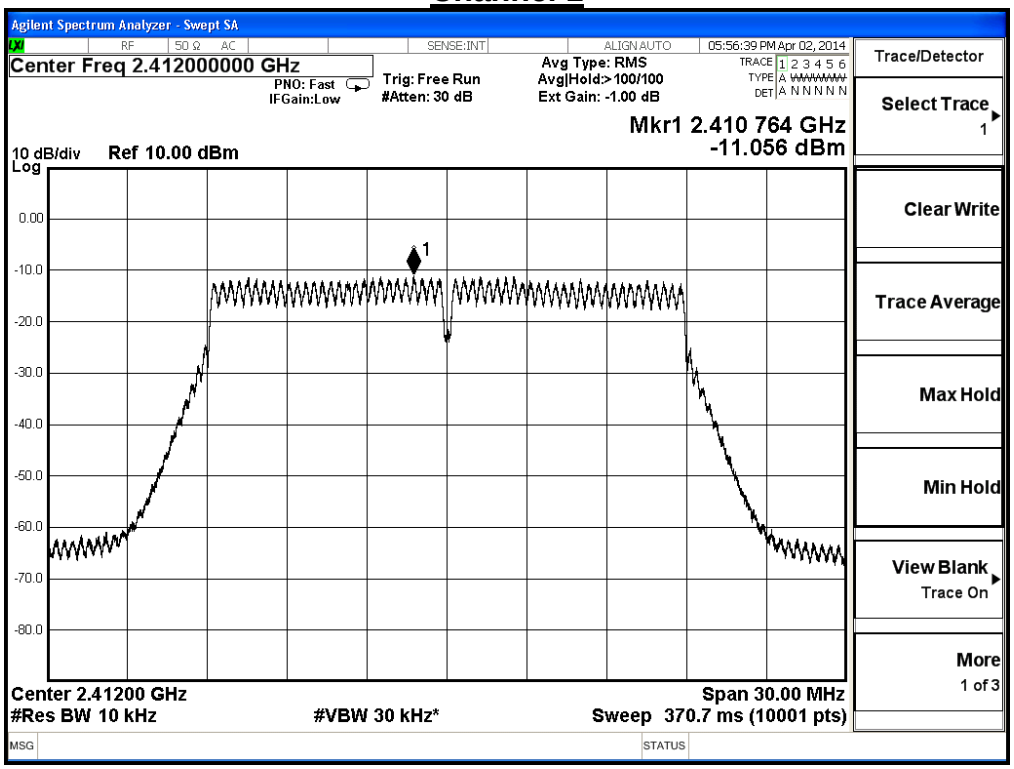
Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

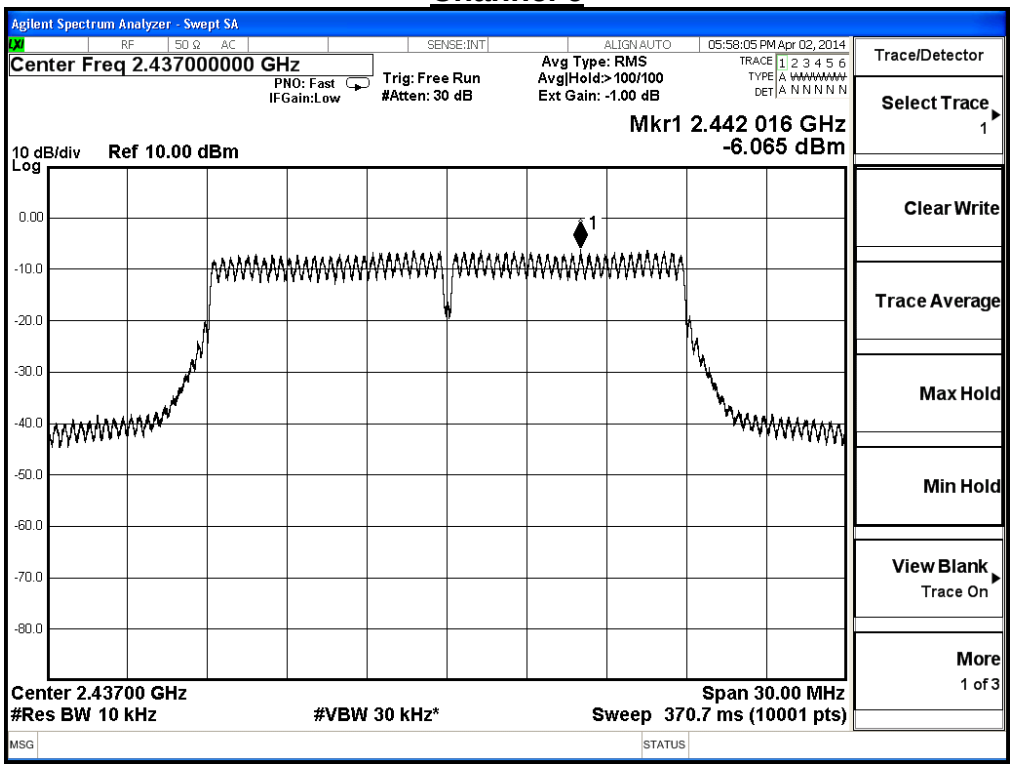
| IEEE802.11n_20MHz, ANT 0 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -11.056 | ≦7.23 | Pass |
| 6 | 2437 | -6.065 | ≦7.23 | Pass |
| 11 | 2462 | -11.559 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

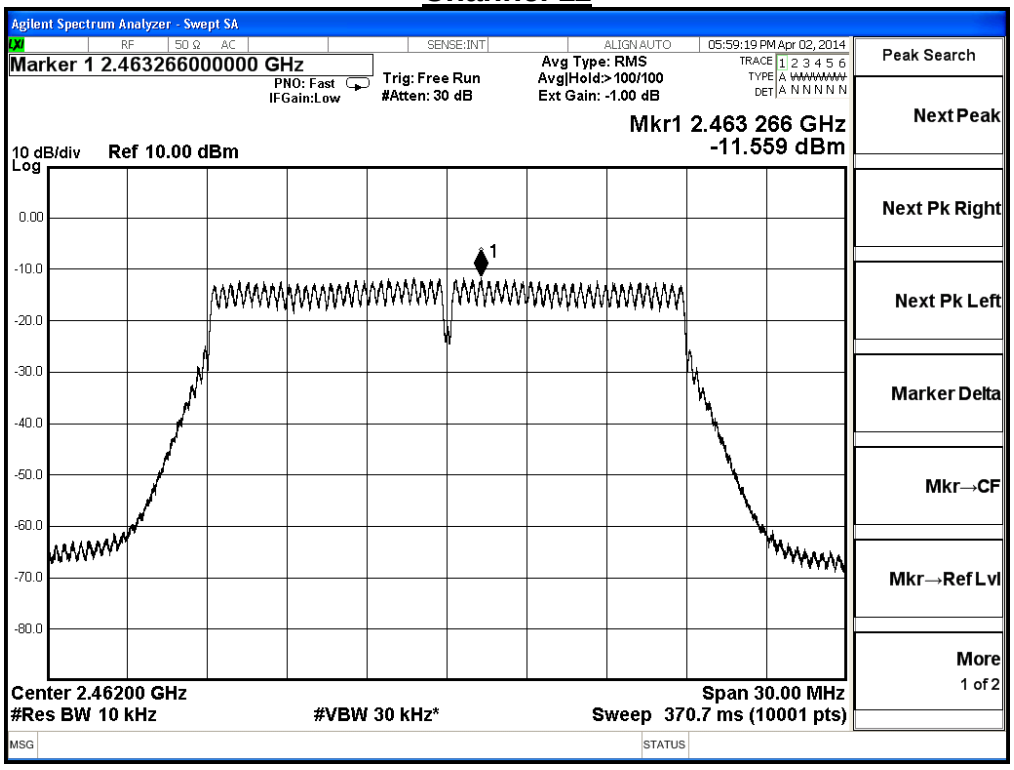
**Channel 1**



## Channel 6




## Channel 11

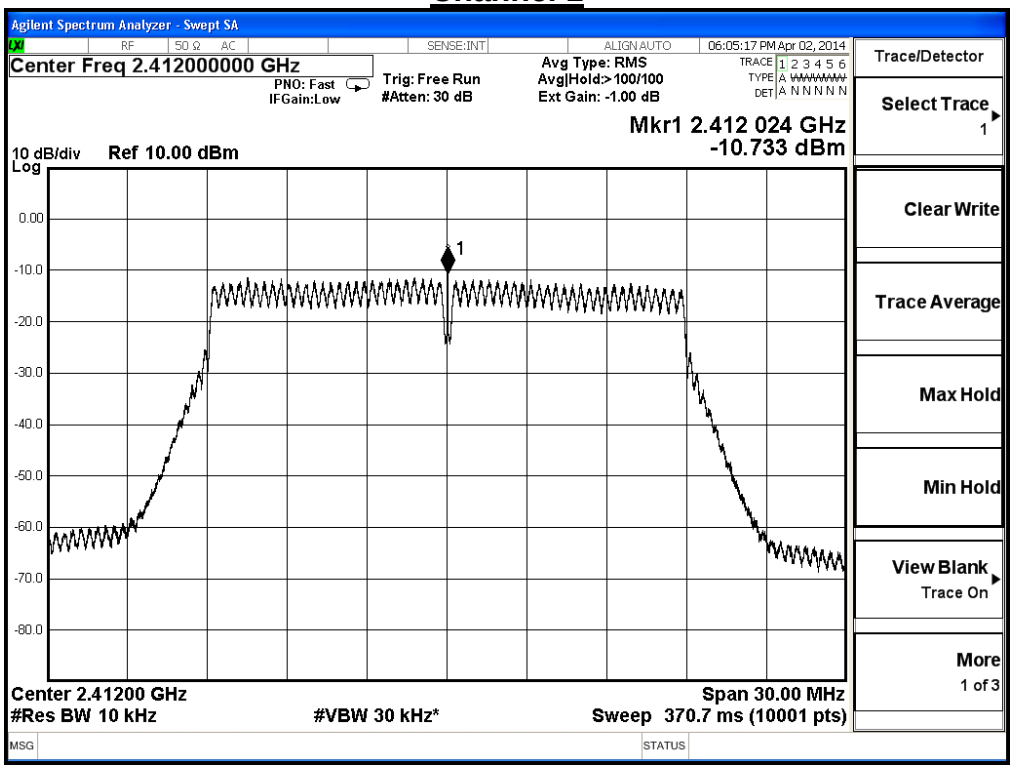


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

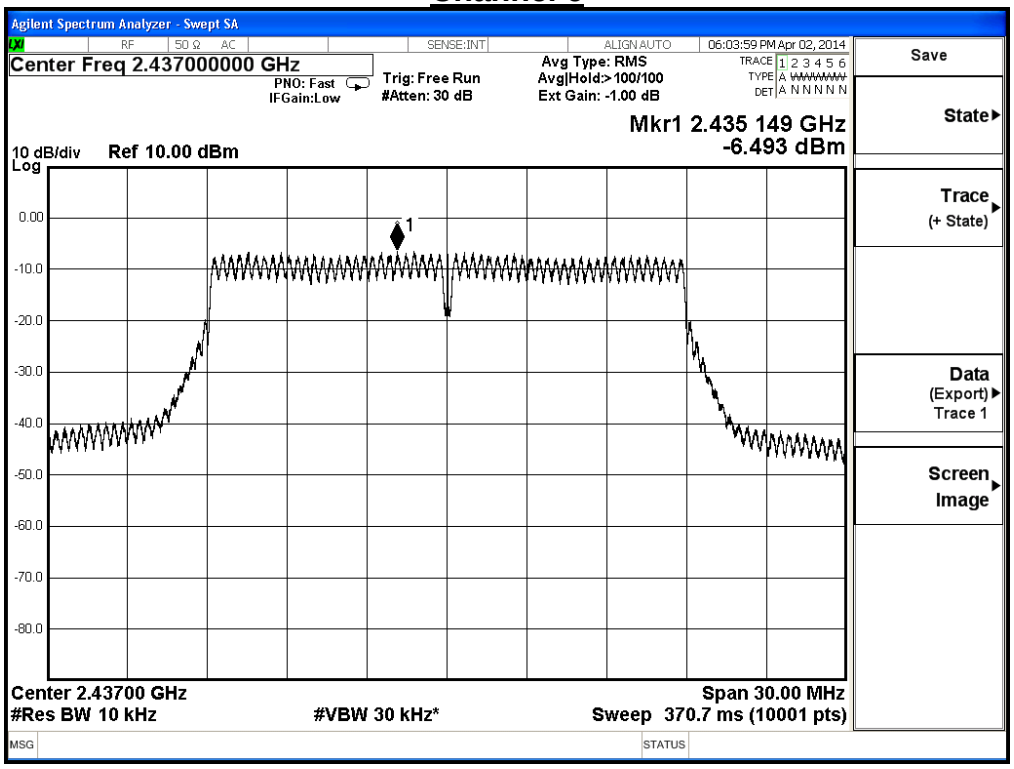
| IEEE802.11n_20MHz, ANT 1 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -10.733 | ≦7.23 | Pass |
| 6 | 2437 | -6.493 | ≦7.23 | Pass |
| 11 | 2462 | -11.947 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

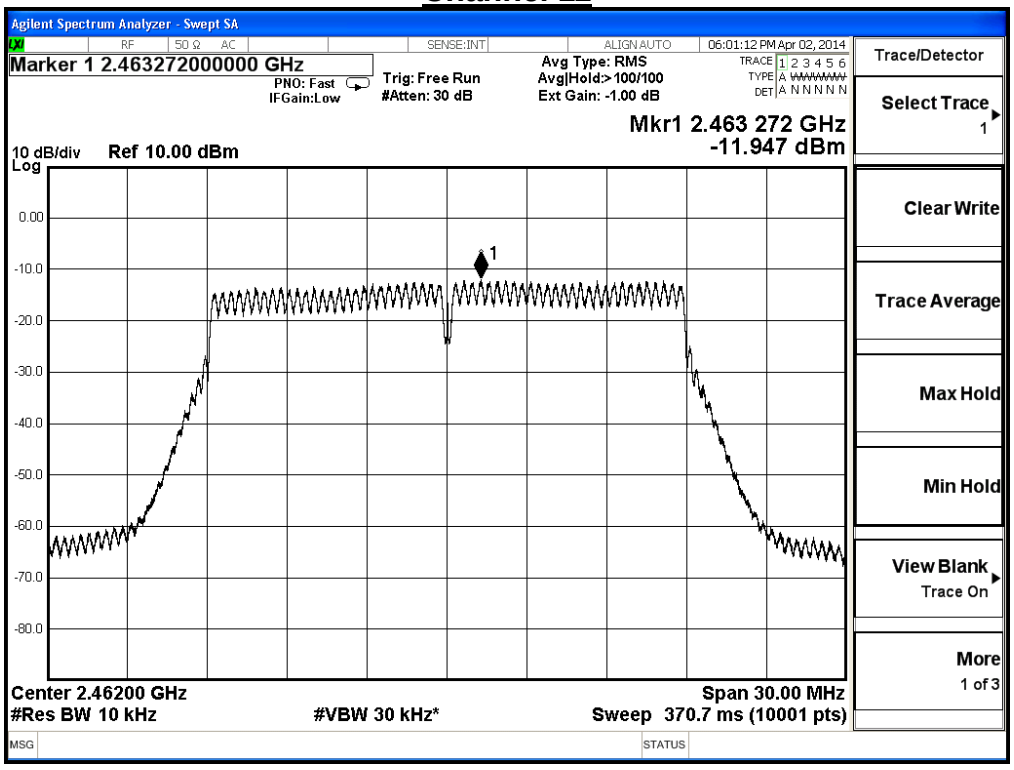
**Channel 1**



## Channel 6




## Channel 11

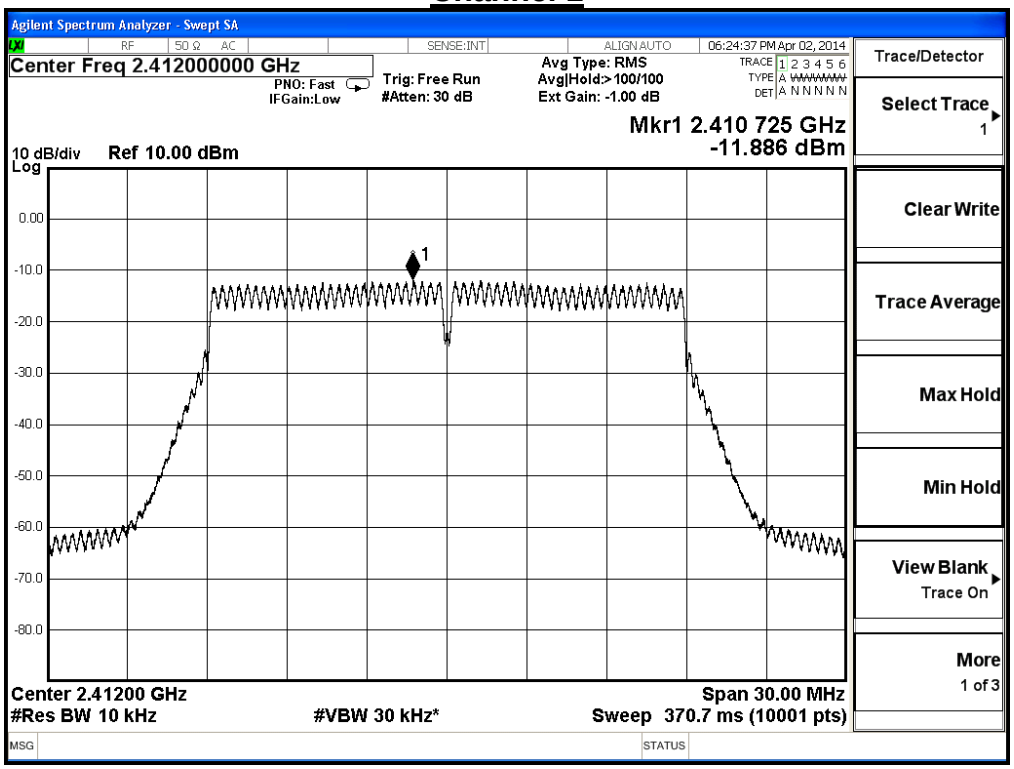


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

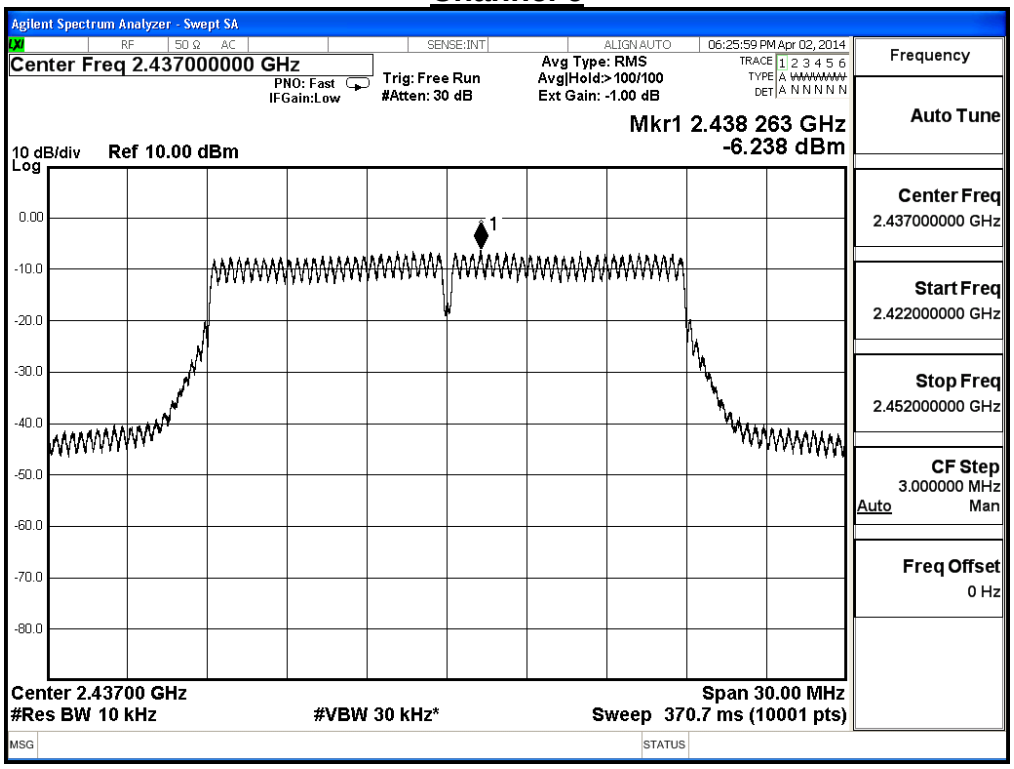
| IEEE802.11n_20MHz, ANT 2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -11.886 | ≦7.23 | Pass |
| 6 | 2437 | -6.238 | ≦7.23 | Pass |
| 11 | 2462 | -11.951 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

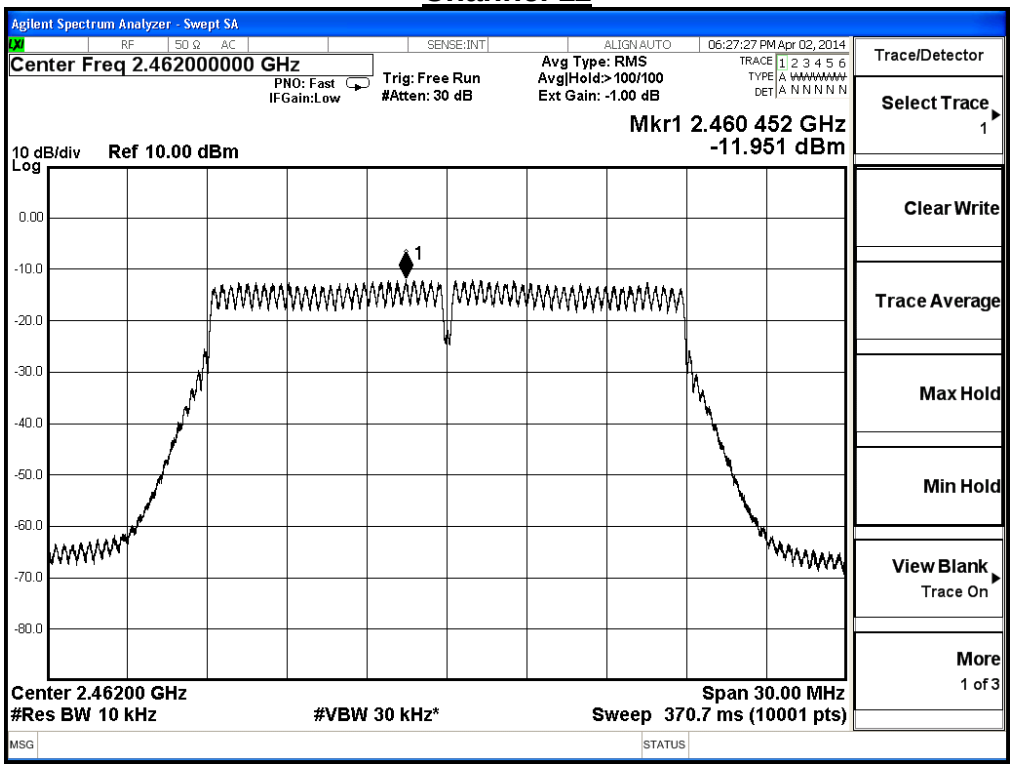
**Channel 1**



## Channel 6




## Channel 11



| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE802.11n_20MHz, ANT 0+1+2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -6.427 | ≦7.23 | Pass |
| 6 | 2437 | -1.491 | ≦7.23 | Pass |
| 11 | 2462 | -7.044 | ≦7.23 | Pass |

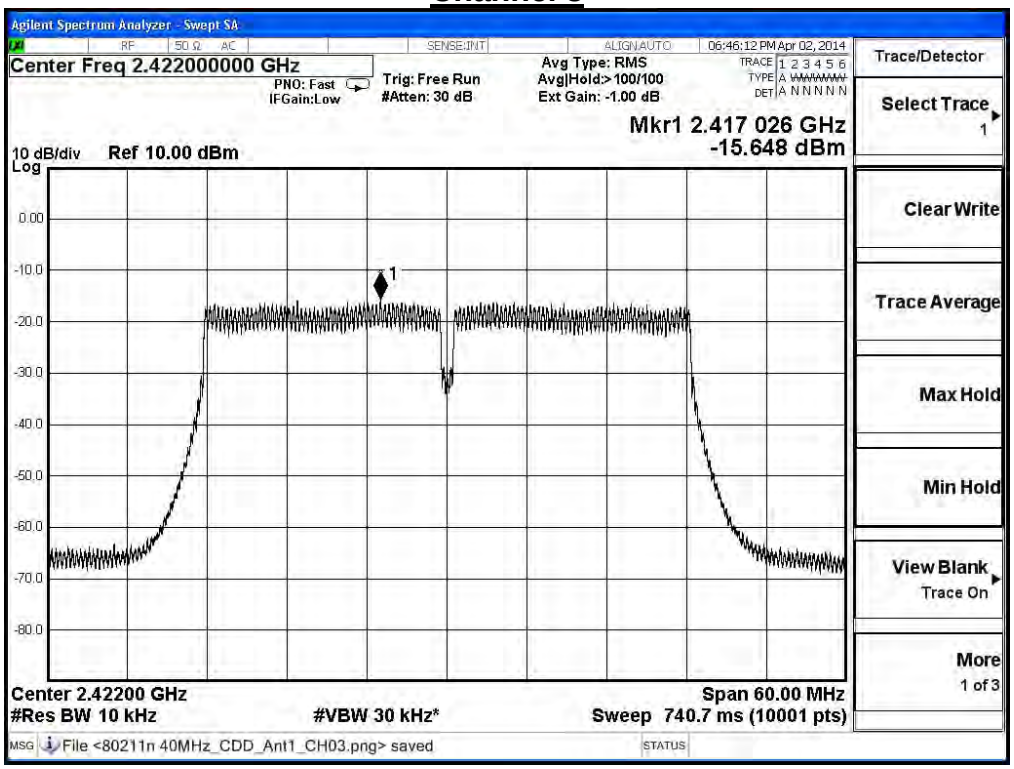
Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

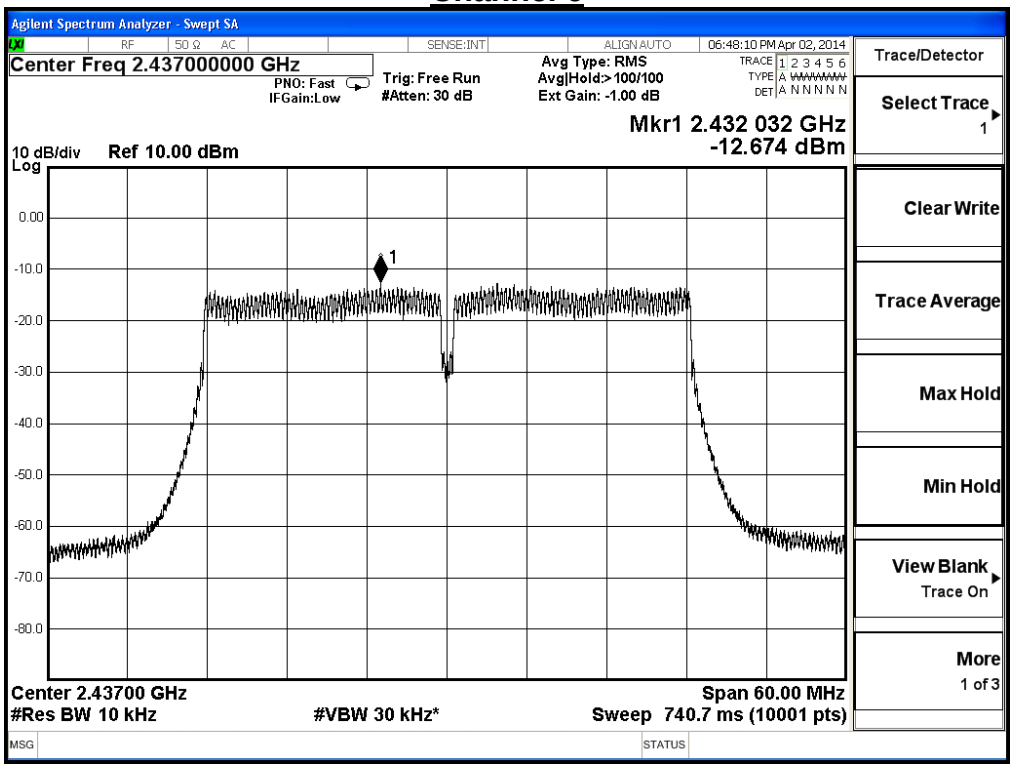
| IEEE802.11n_40MHz, ANT 0 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 3 | 2422 | -15.648 | ≦7.23 | Pass |
| 6 | 2437 | -12.674 | ≦7.23 | Pass |
| 9 | 2452 | -14.853 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

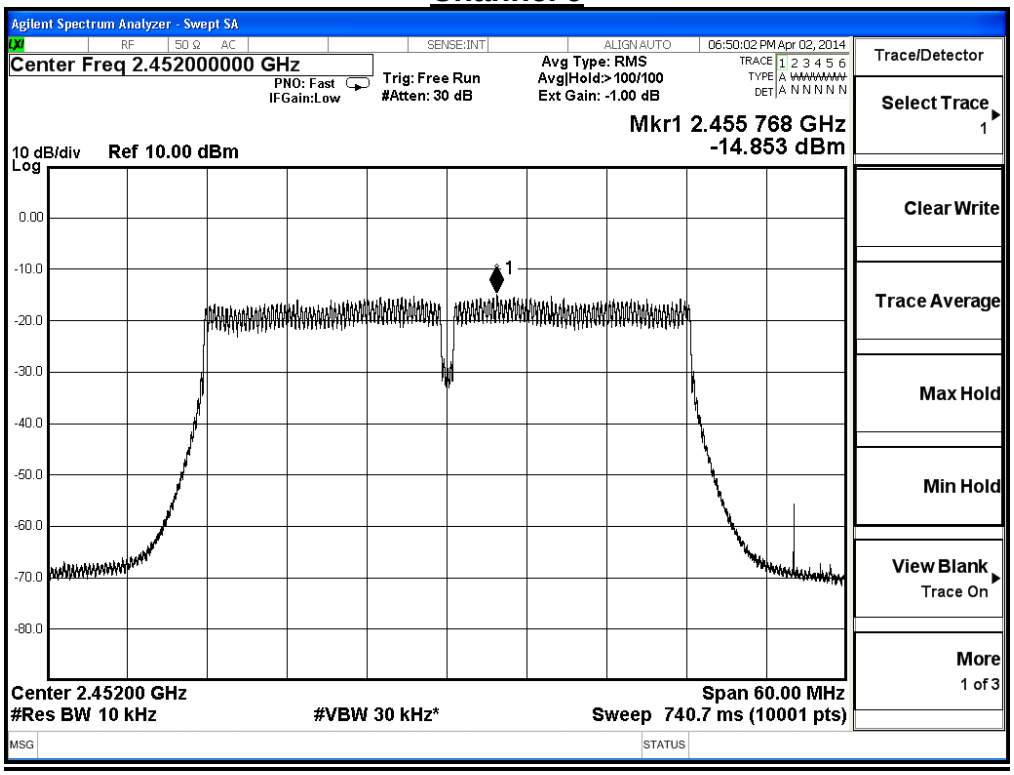
**Channel 3**



## Channel 6




## Channel 9

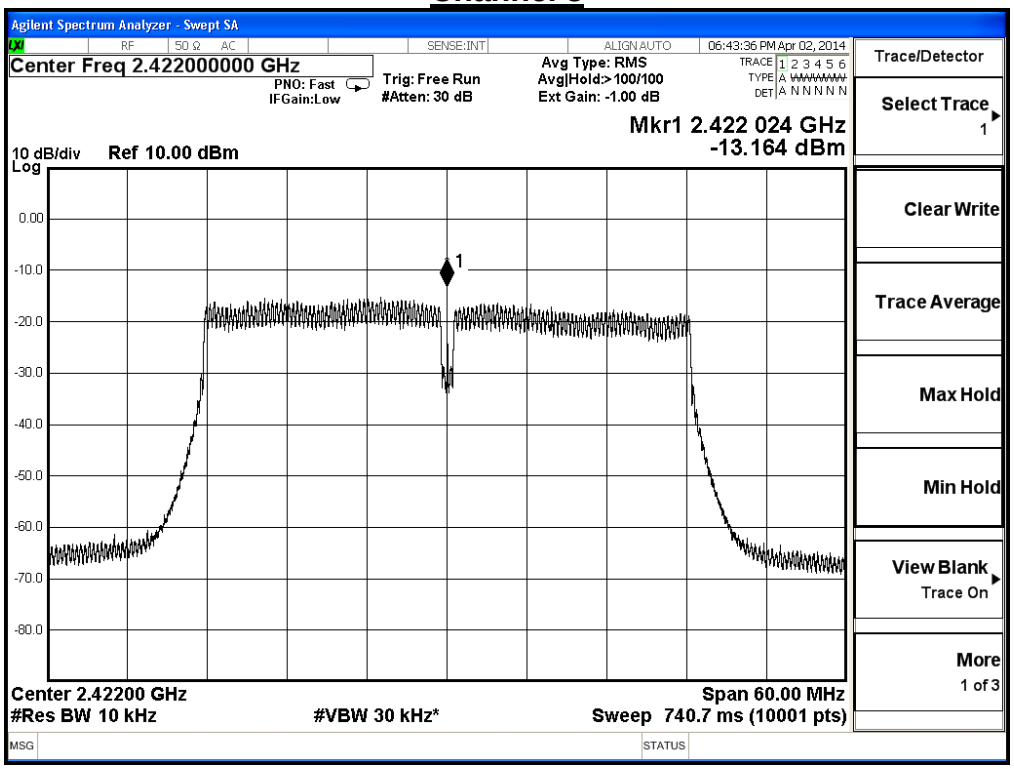


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

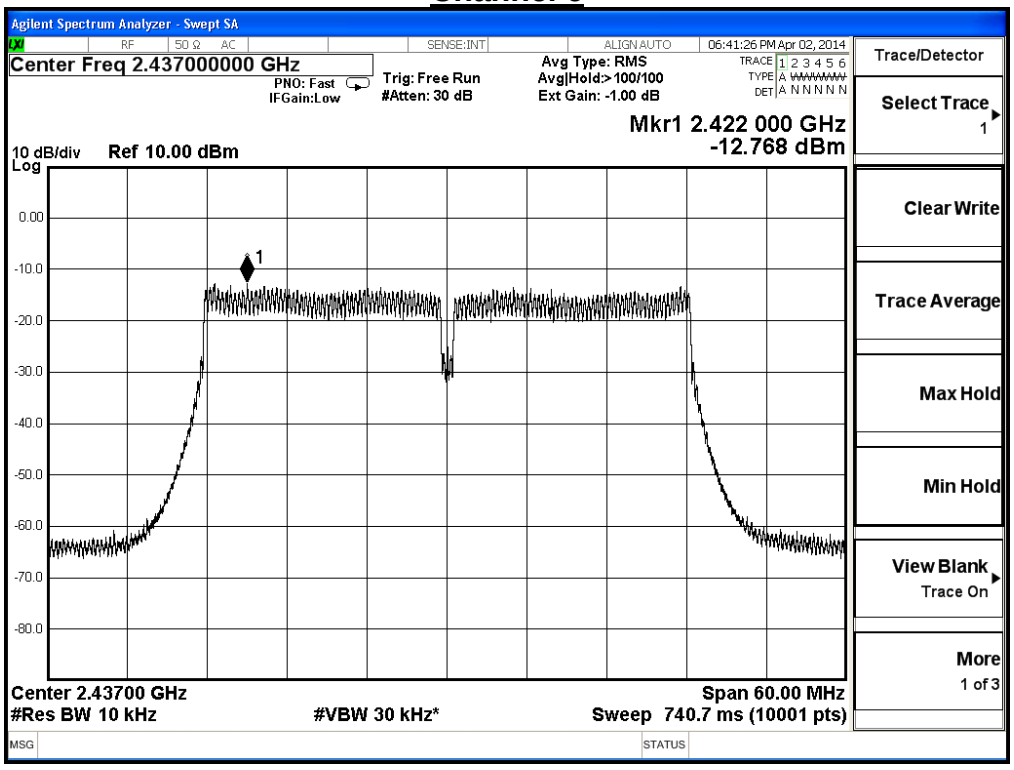
| IEEE802.11n_40MHz, ANT 1 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 3 | 2422 | -13.164 | ≦7.23 | Pass |
| 6 | 2437 | -12.768 | ≦7.23 | Pass |
| 9 | 2452 | -14.327 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

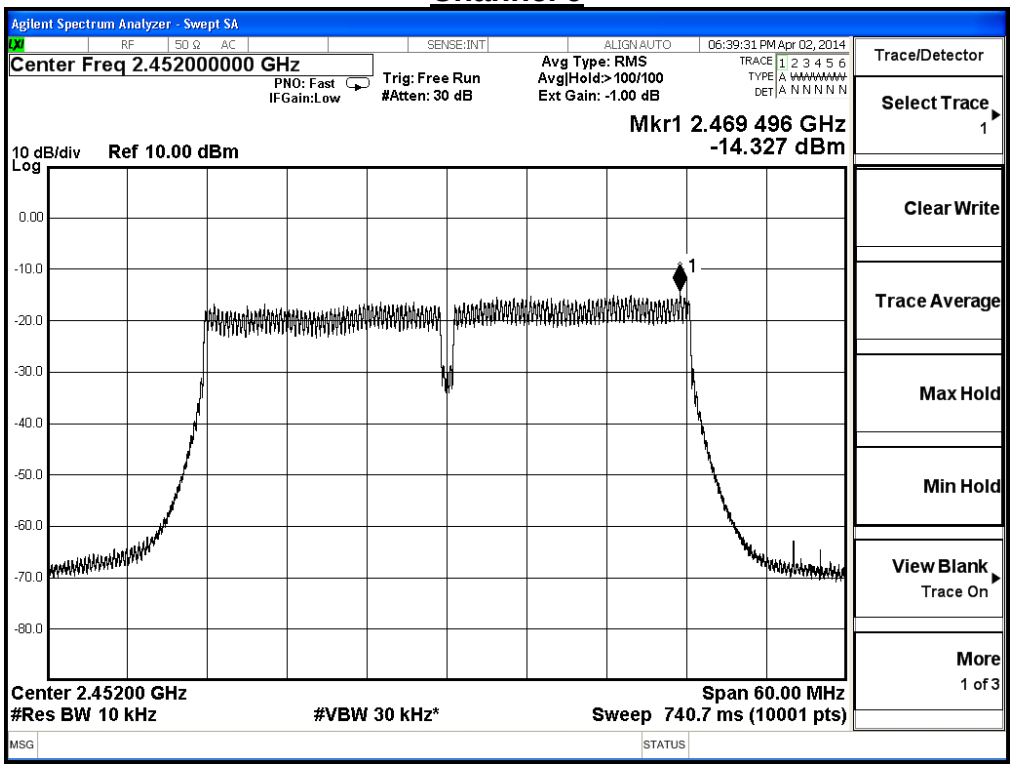
**Channel 3**



## Channel 6




## Channel 9

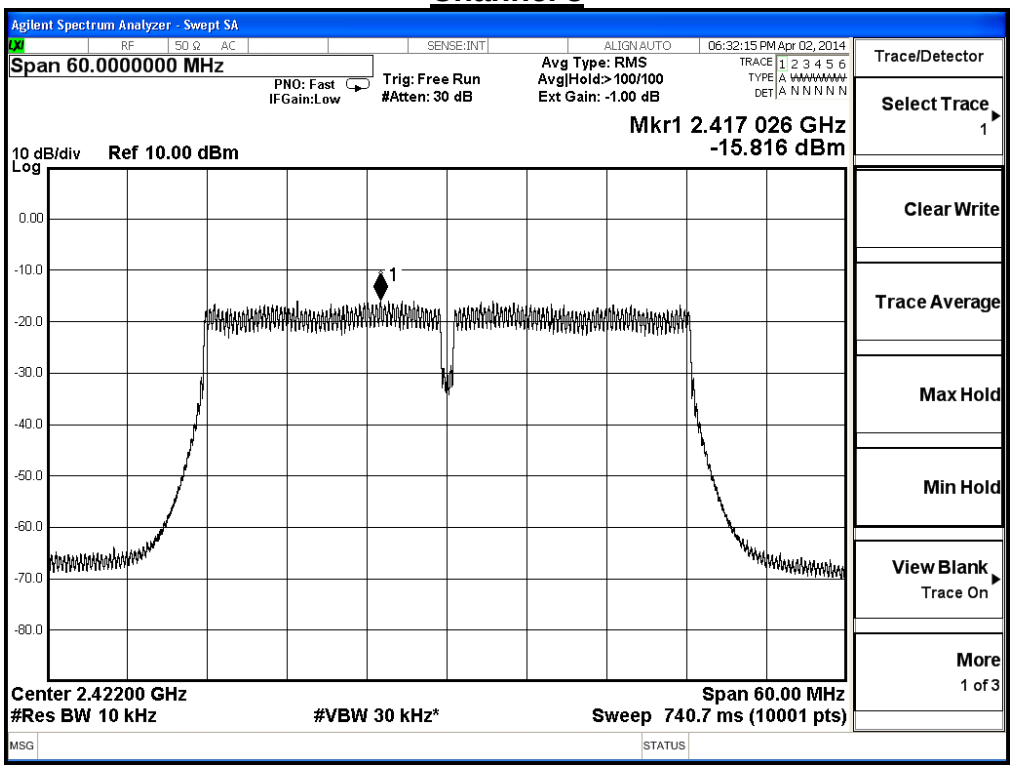


| Product | Wireless HD Day/Night Cloud Camera | | |
|---|---|---|---|
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

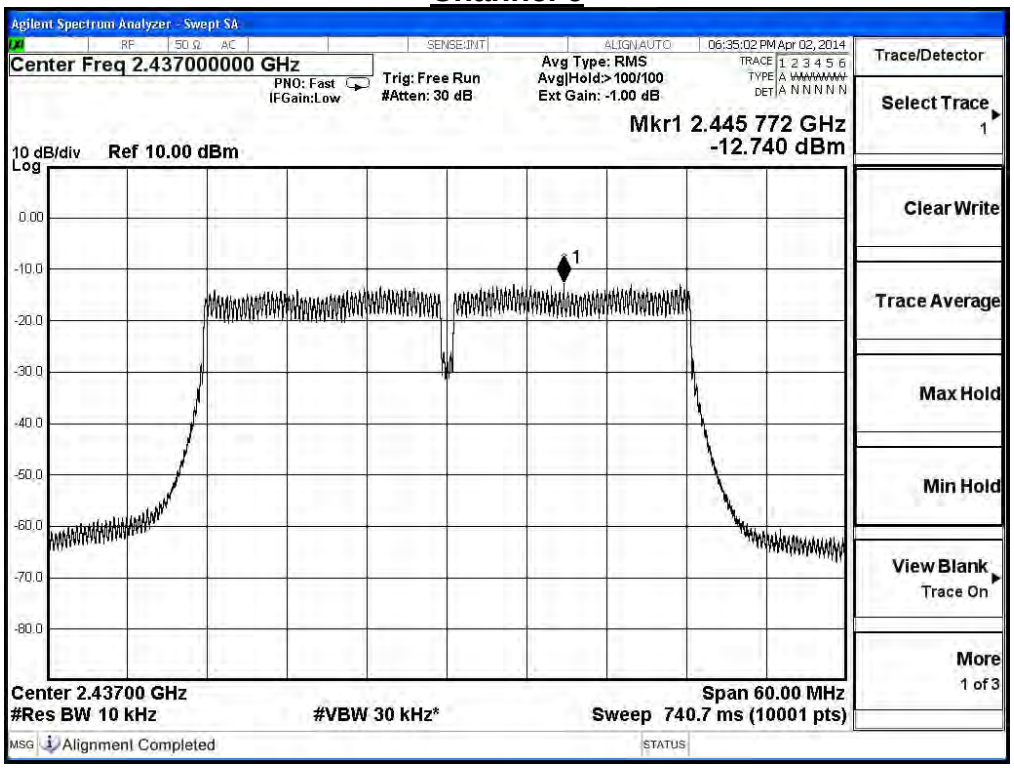
| IEEE802.11n_40MHz, ANT 2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 3 | 2422 | -15.816 | ≦7.23 | Pass |
| 6 | 2437 | -12.740 | ≦7.23 | Pass |
| 9 | 2452 | -15.209 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

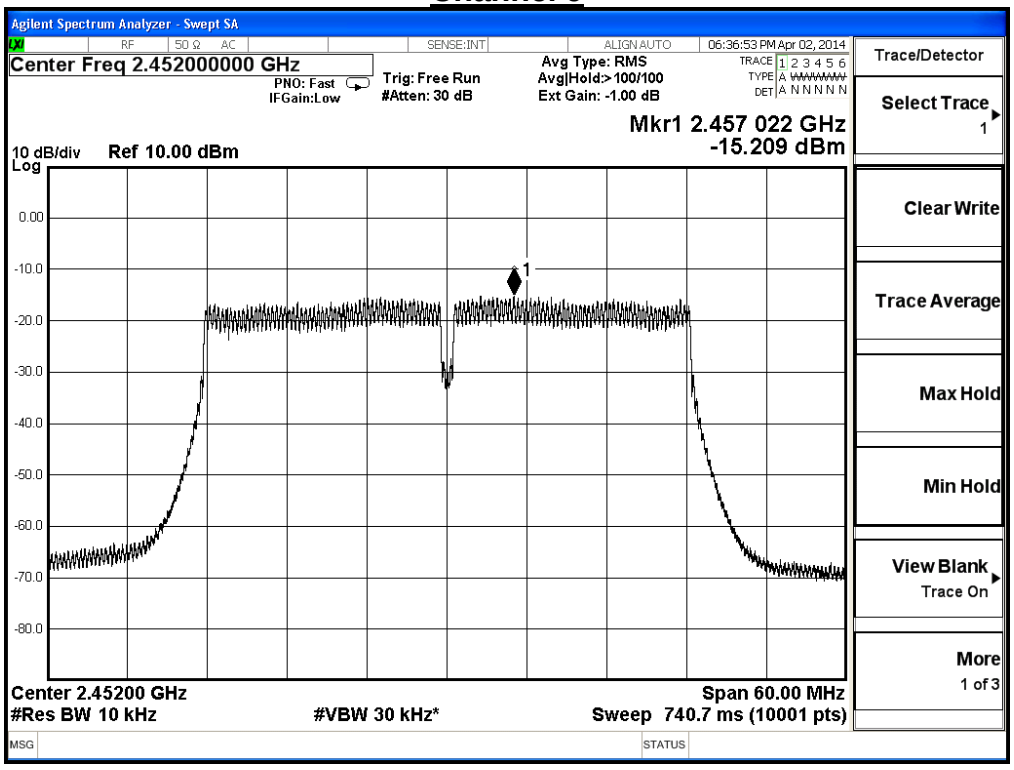
**Channel 3**



## Channel 6




## Channel 9



| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode1: Transmit_CDD Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/02 | Test Site | SR7 |

| IEEE802.11n_40MHz, ANT 0+1+2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 3 | 2422 | -9.926 | ≦7.23 | Pass |
| 6 | 2437 | -7.956 | ≦7.23 | Pass |
| 9 | 2452 | -10.010 | ≦7.23 | Pass |

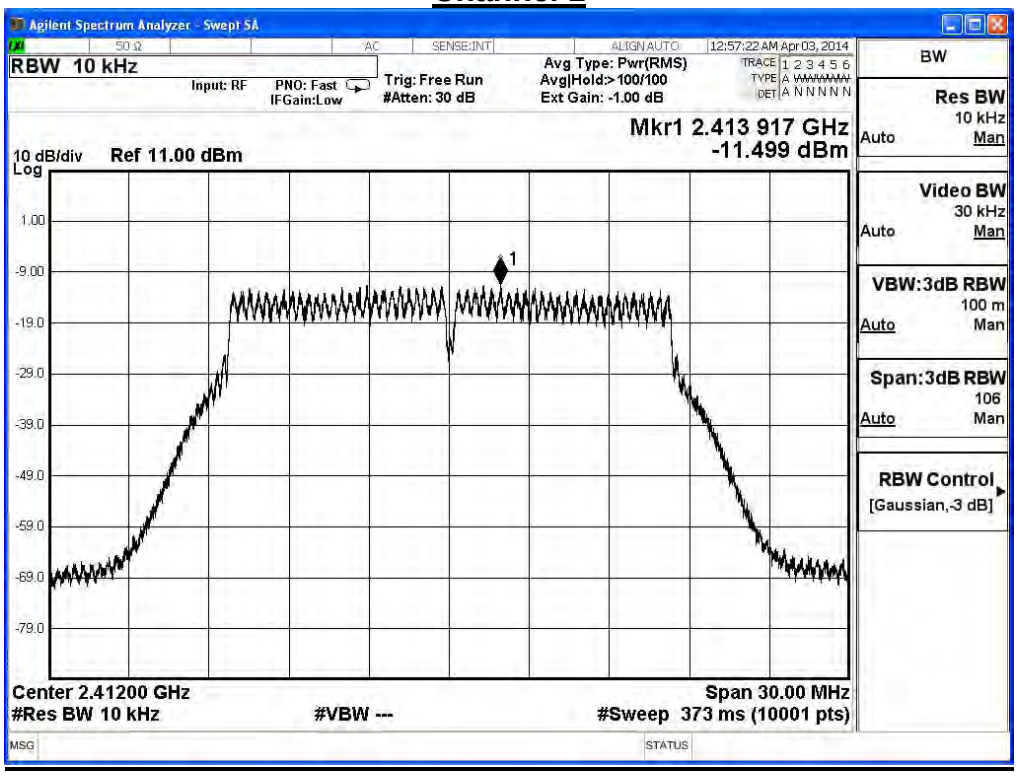
Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

| Product | Wireless HD Day/Night Cloud Camera | | |
|---|---|---|---|
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/03 | Test Site | SR7 |

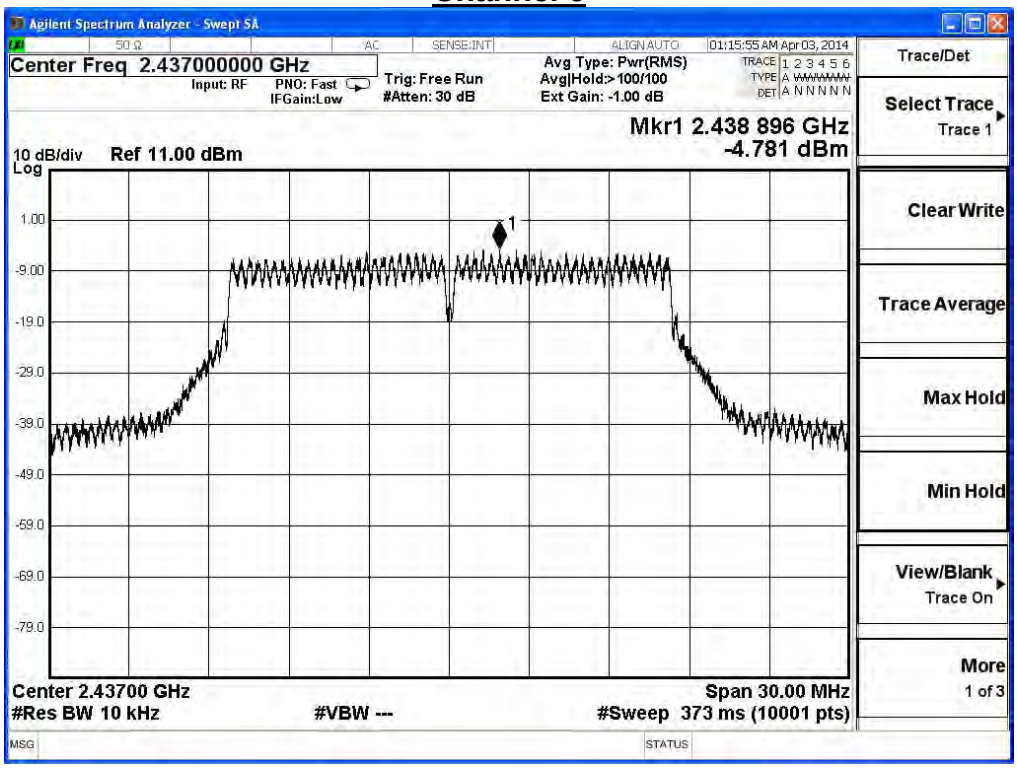
| IEEE802.11g, ANT 0 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level(dBm) | Limit (dBm) | Result |
| 1 | 2412 | -11.499 | ≦7.23 | Pass |
| 6 | 2437 | -4.781 | ≦7.23 | Pass |
| 11 | 2462 | -10.486 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

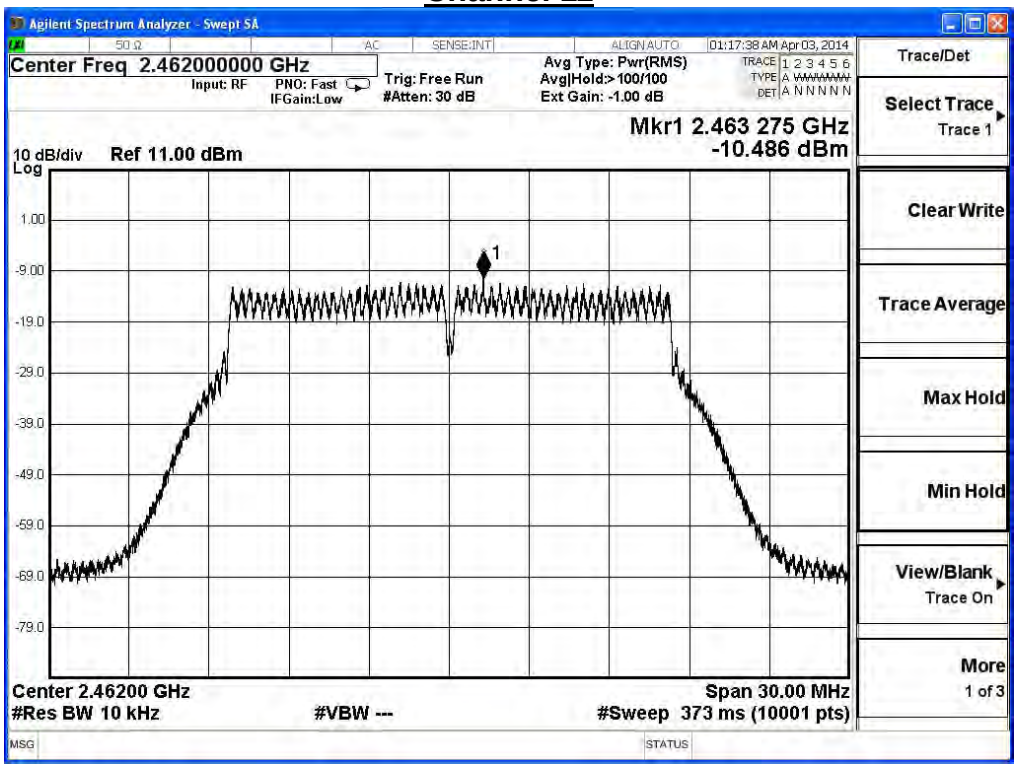
**Channel 1**



## Channel 6




## Channel 11

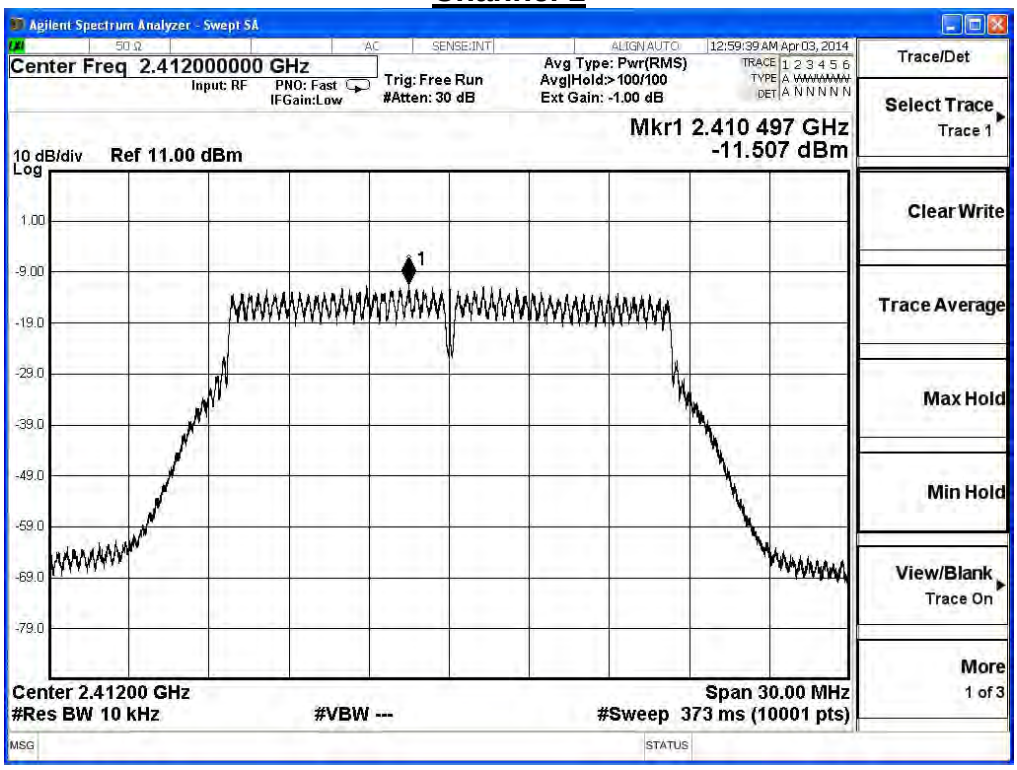


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/03 | Test Site | SR7 |

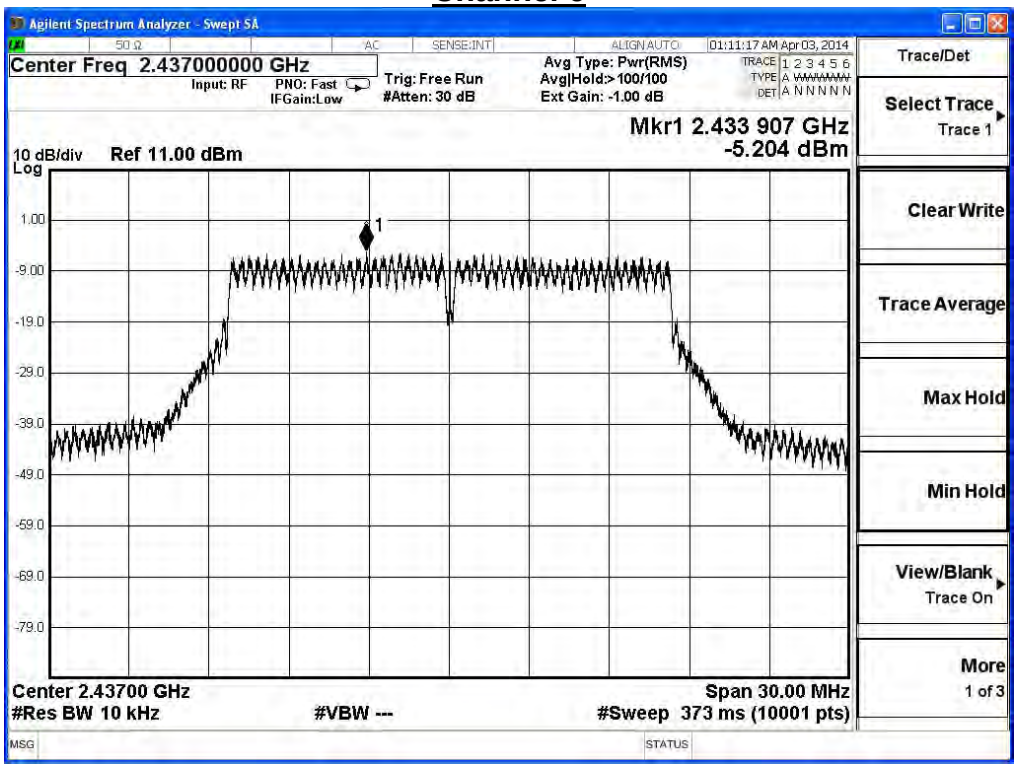
| IEEE802.11g, ANT 1 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level(dBm) | Limit (dBm) | Result |
| 1 | 2412 | -11.507 | ≦7.23 | Pass |
| 6 | 2437 | -5.204 | ≦7.23 | Pass |
| 11 | 2462 | -11.218 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

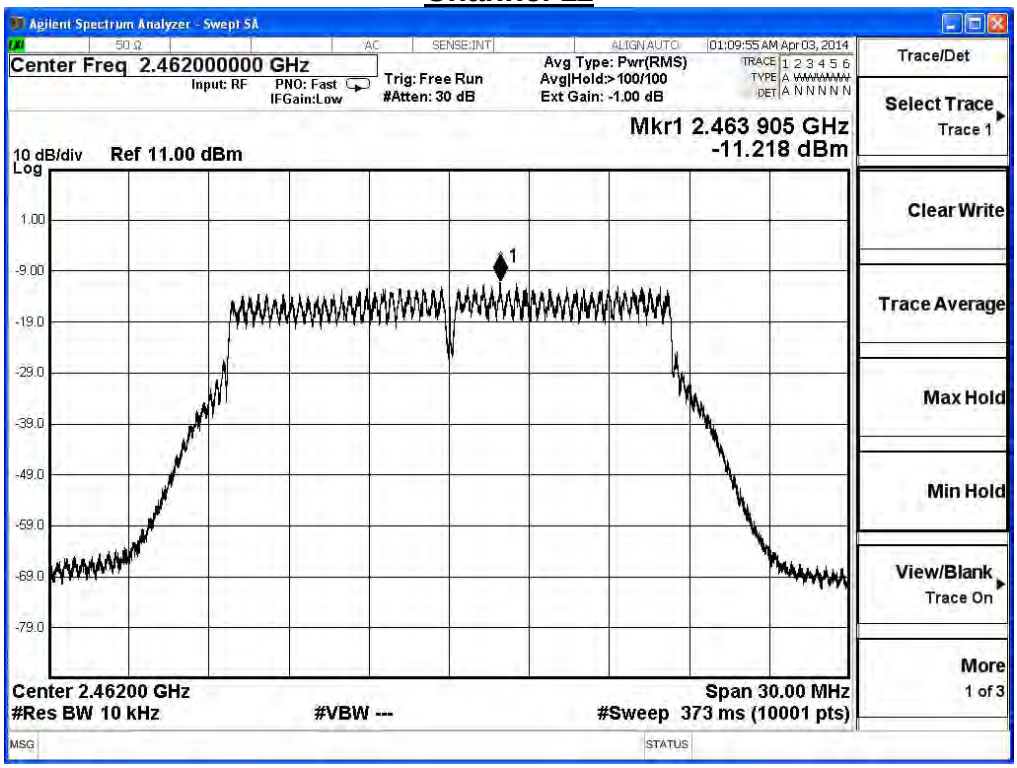
**Channel 1**



## Channel 6




## Channel 11

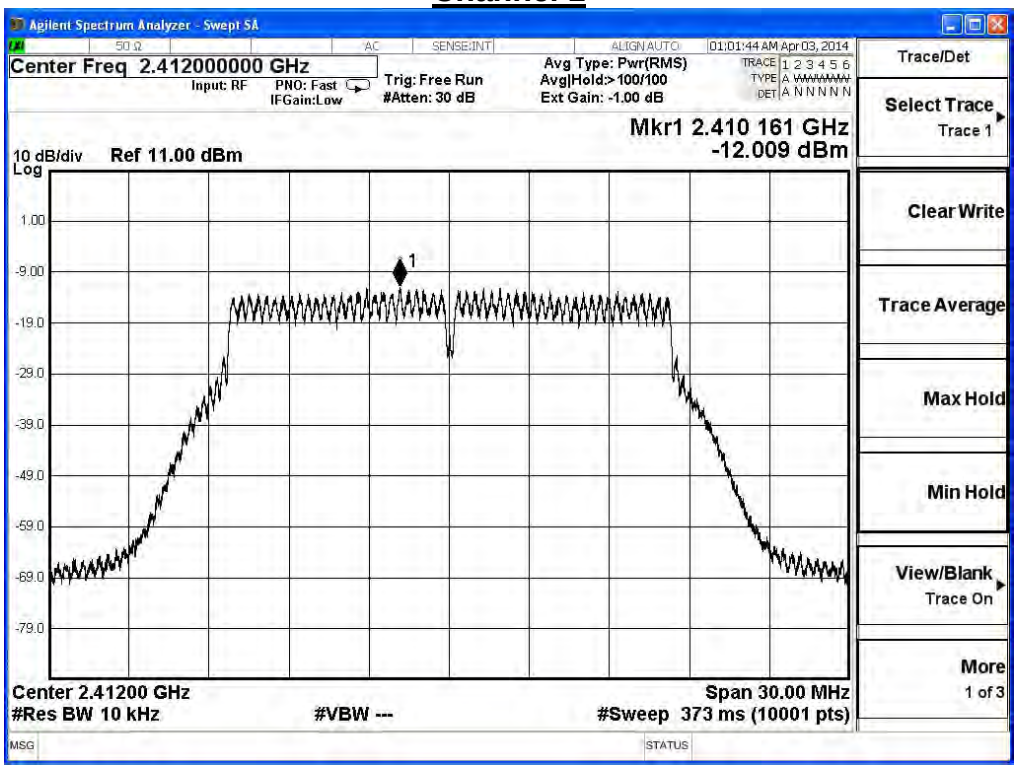


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/03 | Test Site | SR7 |

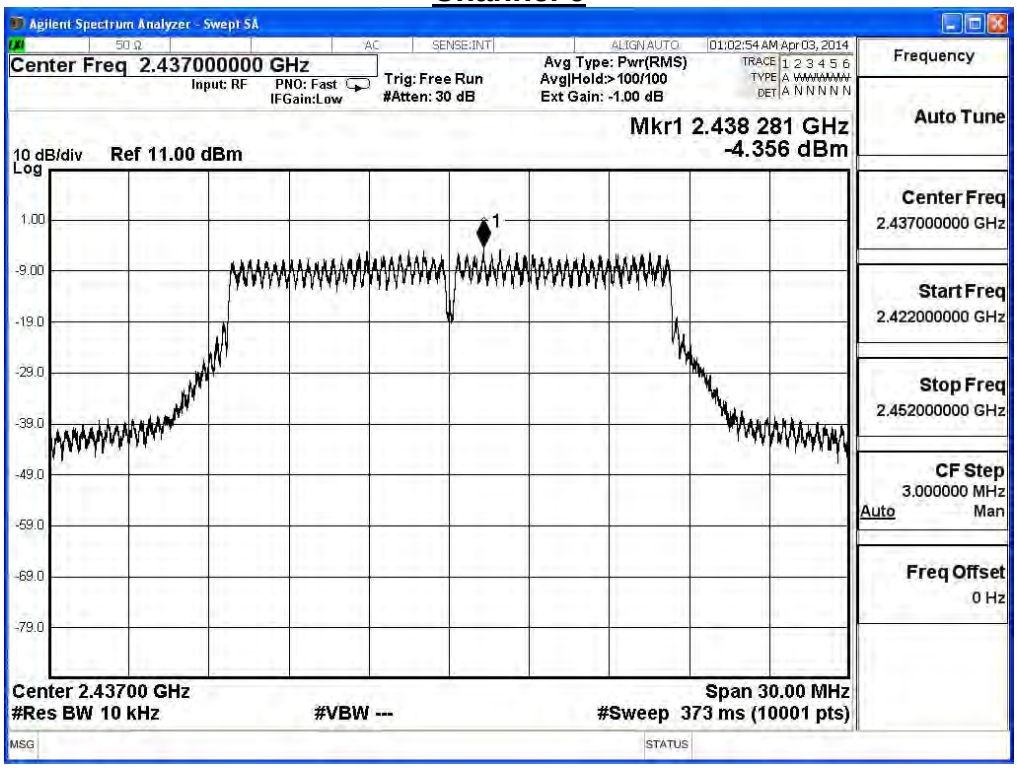
| IEEE802.11g, ANT 2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level(dBm) | Limit (dBm) | Result |
| 1 | 2412 | -12.009 | ≦7.23 | Pass |
| 6 | 2437 | -4.356 | ≦7.23 | Pass |
| 11 | 2462 | -11.614 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

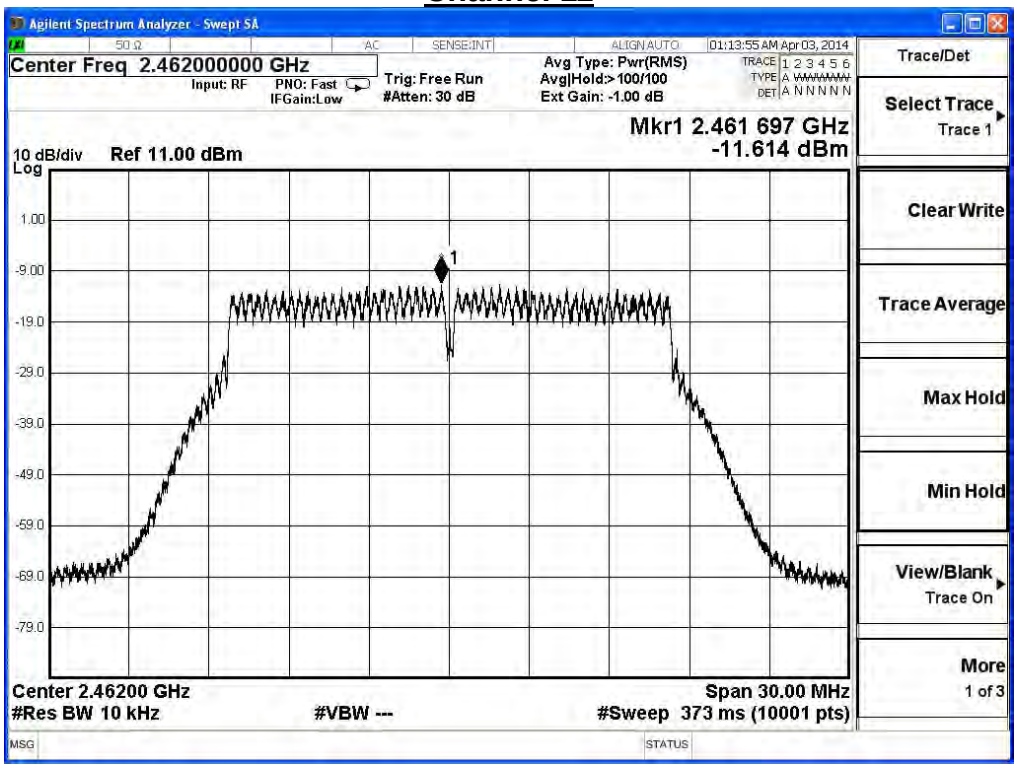
**Channel 1**



## Channel 6




## Channel 11



| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/30 | Test Site | SR7 |

IEEE802.11g, ANT 0+1+2

| Channel No. | Frequency (MHz) | Measure Level(dBm) | Limit (dBm) | Result |
|---|---|---|---|---|
| 1 | 2412 | -6.894 | ≦7.23 | Pass |
| 6 | 2437 | 0.005 | ≦7.23 | Pass |
| 11 | 2462 | -6.309 | ≦7.23 | Pass |

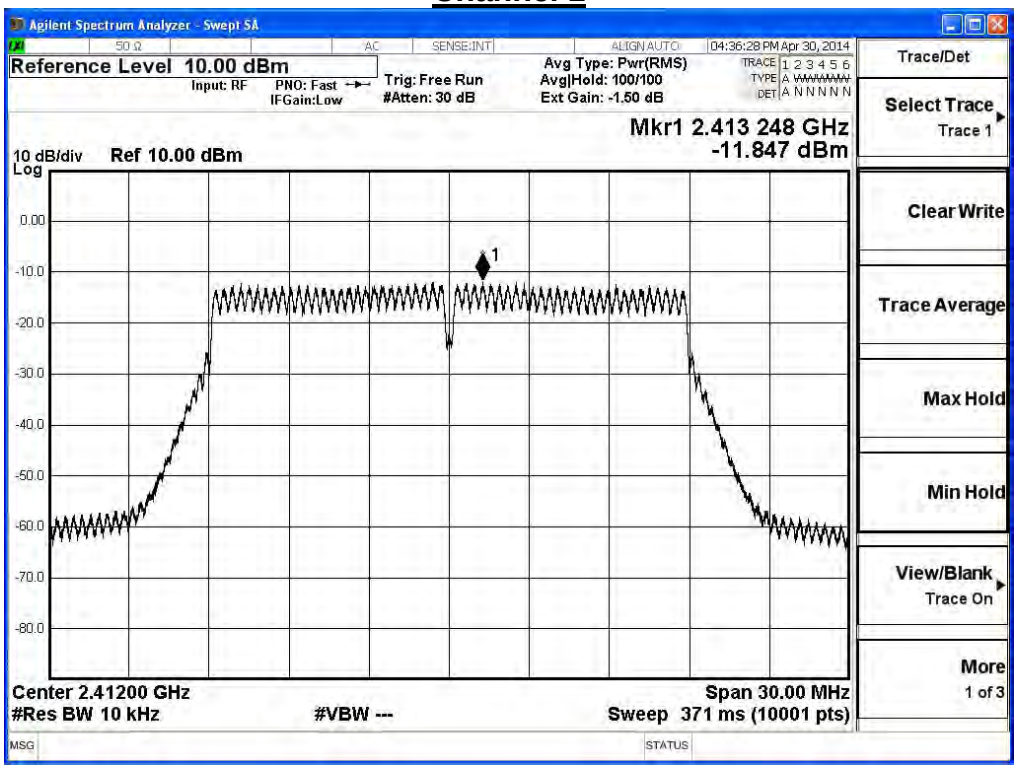
Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/30 | Test Site | SR7 |

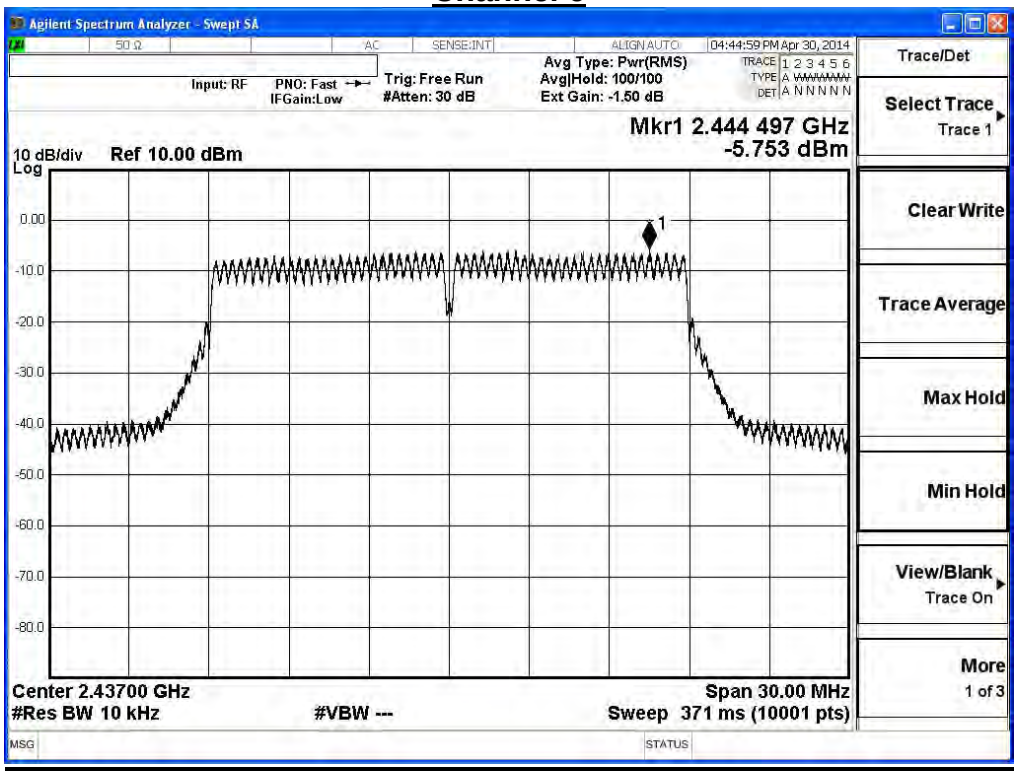
| IEEE802.11n_20MHz, ANT 0 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -11.847 | ≦7.23 | Pass |
| 6 | 2437 | -5.753 | ≦7.23 | Pass |
| 11 | 2462 | -11.118 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

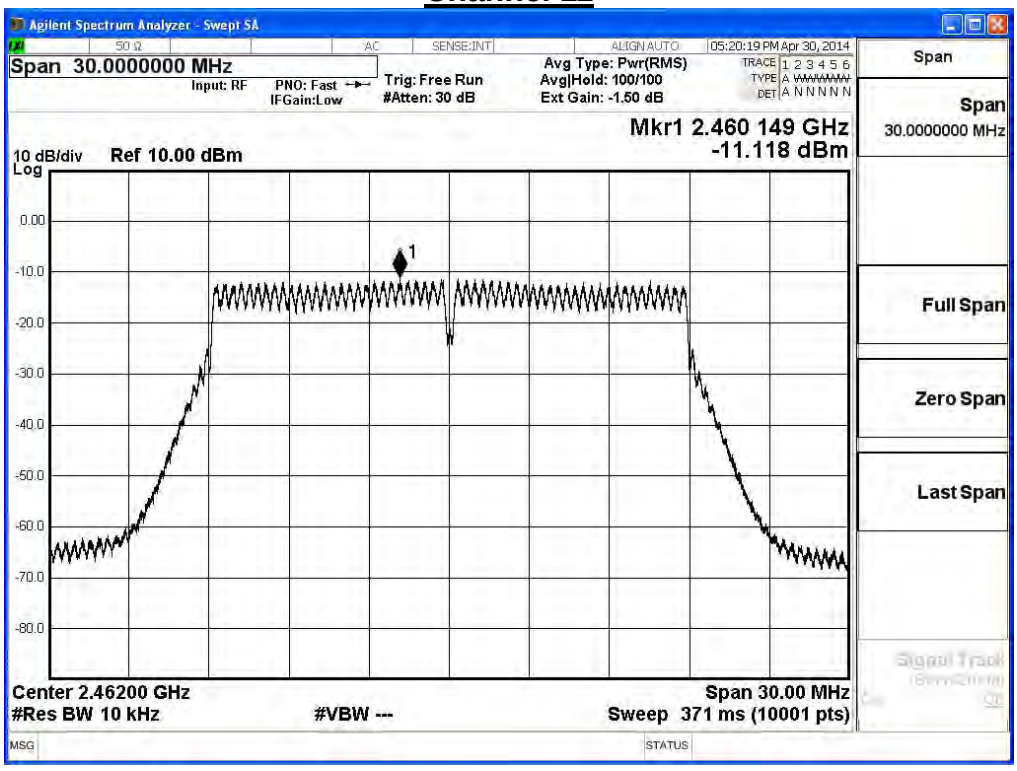
**Channel 1**



## Channel 6




## Channel 11

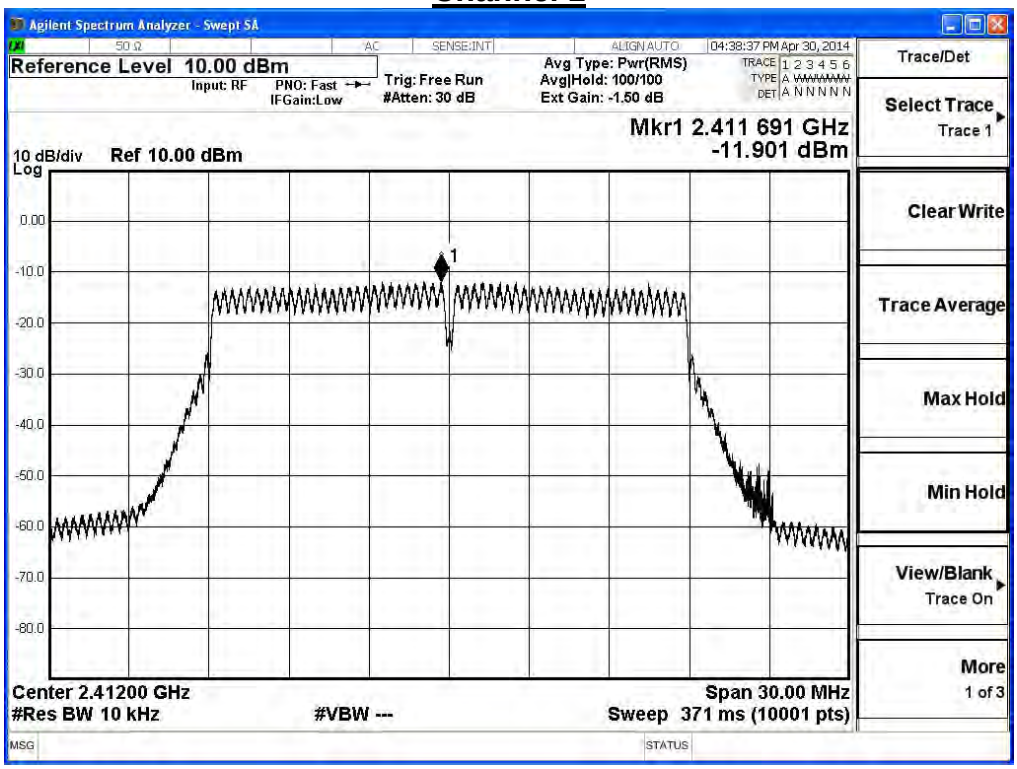


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/30 | Test Site | SR7 |

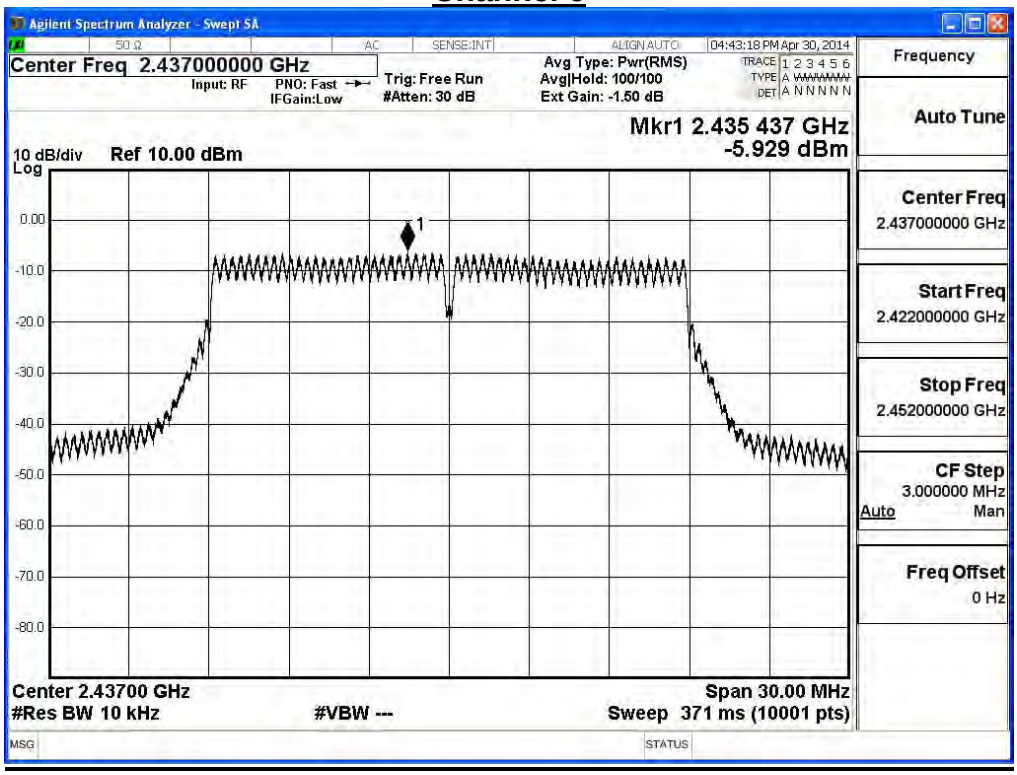
| IEEE802.11n_20MHz, ANT 1 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -11.901 | ≦7.23 | Pass |
| 6 | 2437 | -5.929 | ≦7.23 | Pass |
| 11 | 2462 | -11.507 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

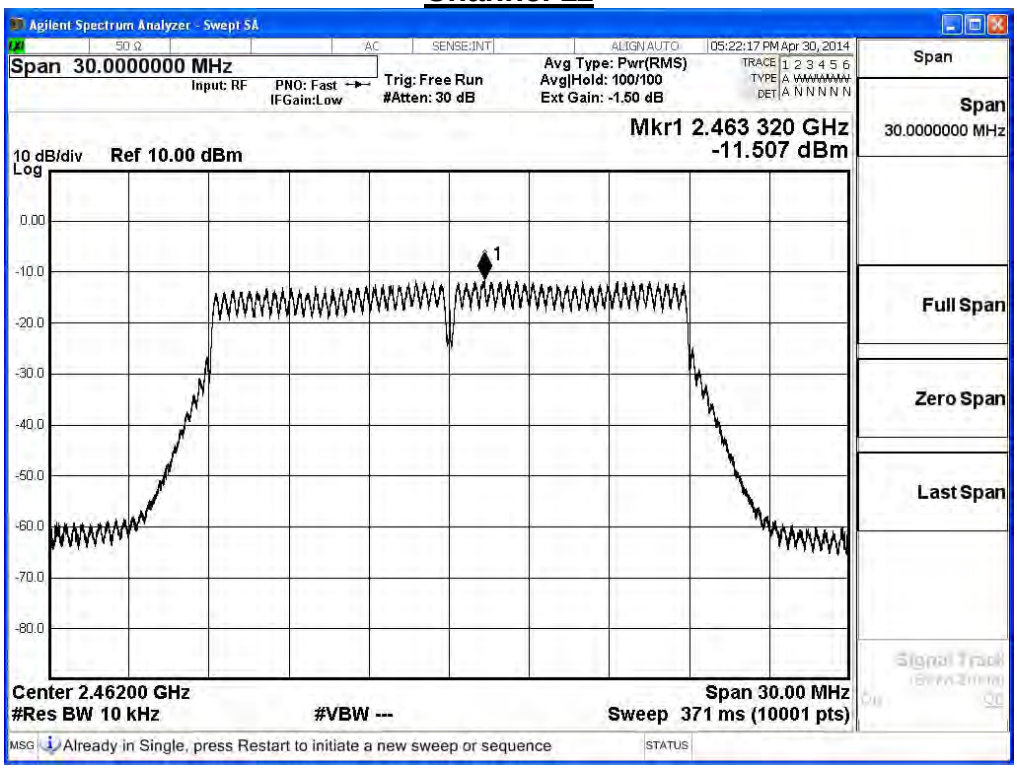
**Channel 1**



## Channel 6




## Channel 11

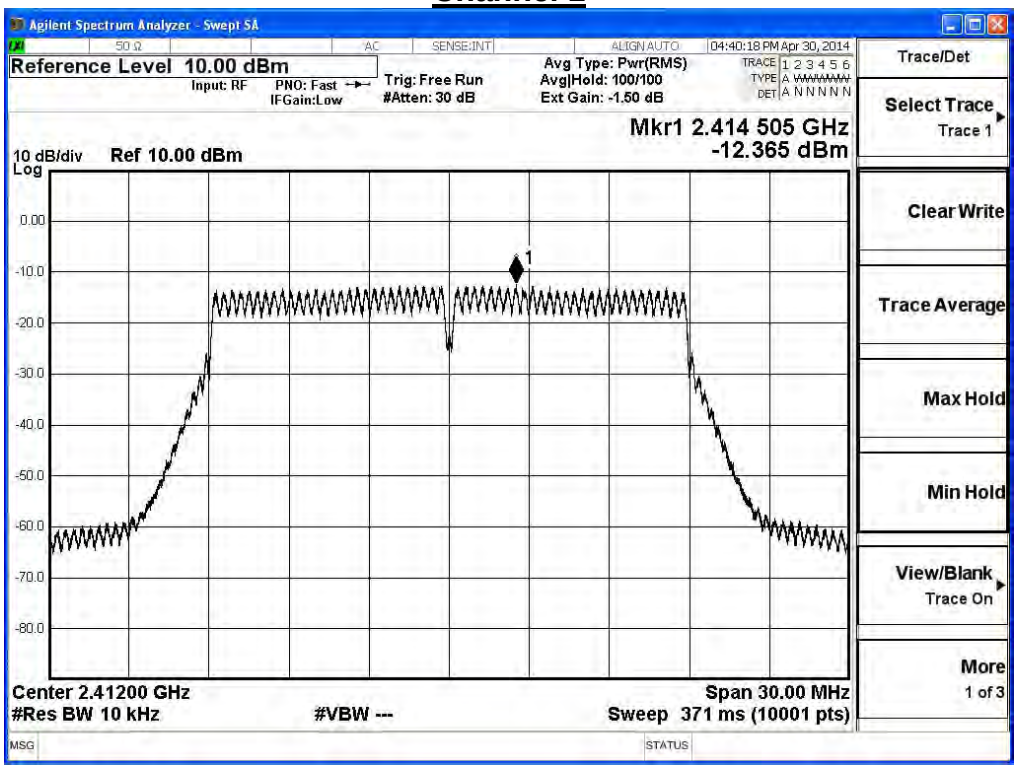


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/30 | Test Site | SR7 |

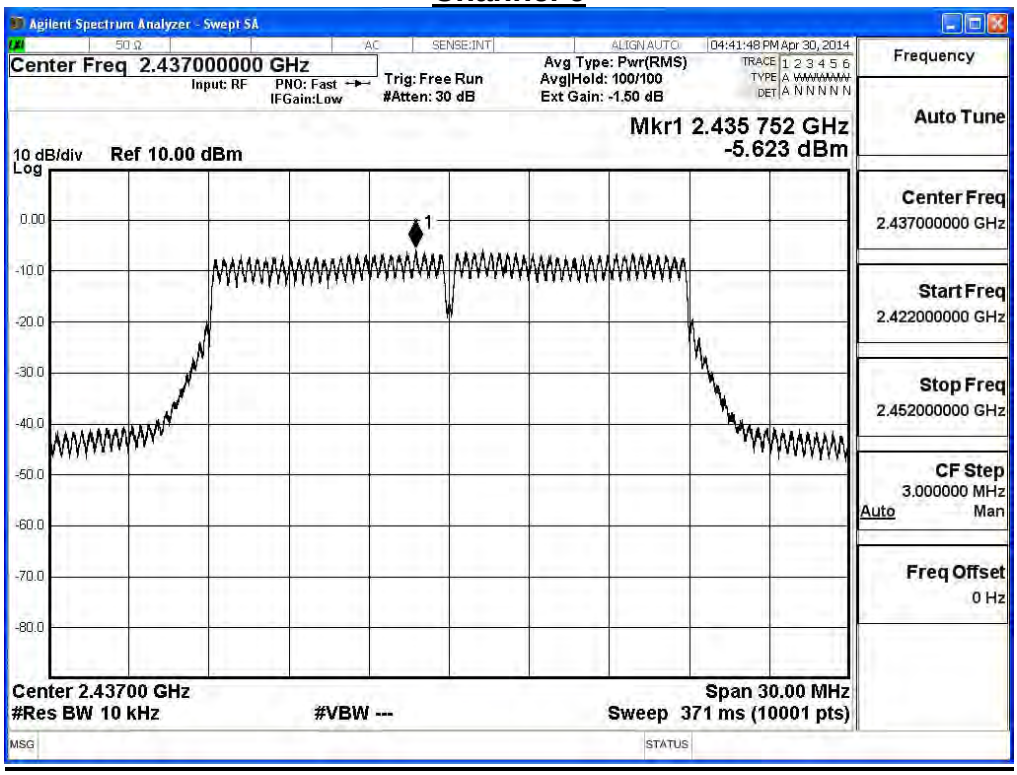
| IEEE802.11n_20MHz, ANT 2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -12.365 | ≦7.23 | Pass |
| 6 | 2437 | -5.623 | ≦7.23 | Pass |
| 11 | 2462 | -11.814 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

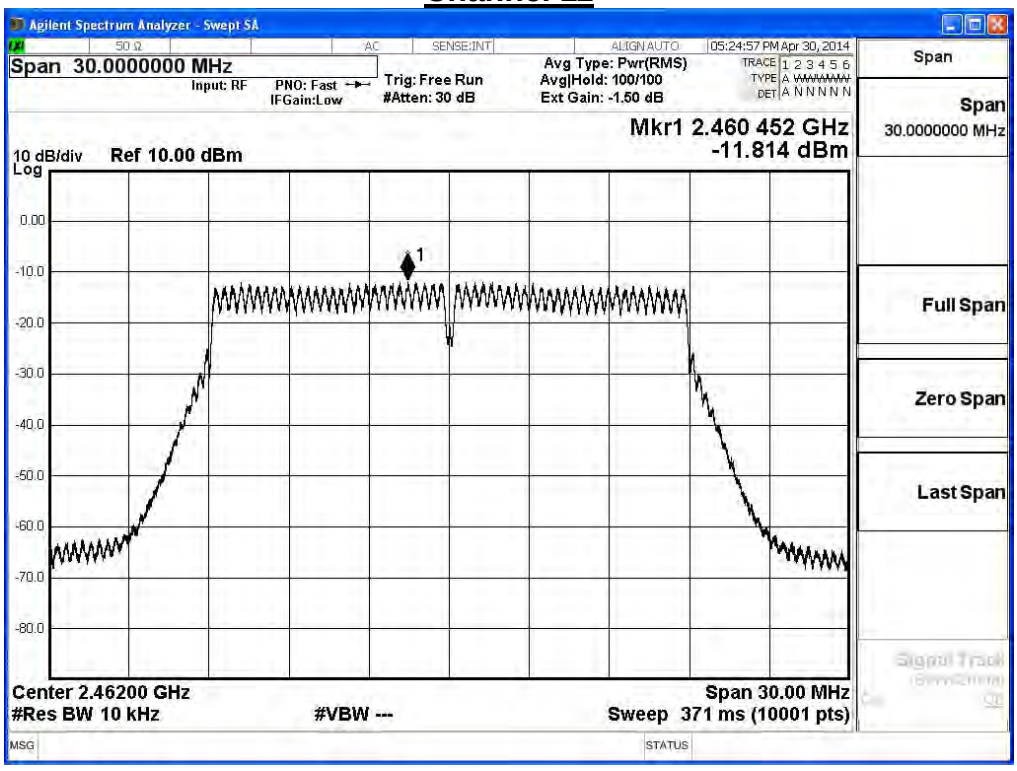
**Channel 1**



## Channel 6




## Channel 11



| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/30 | Test Site | SR7 |

| IEEE802.11n_20MHz, ANT 0+1+2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 1 | 2412 | -7.26 | ≦7.23 | Pass |
| 6 | 2437 | -1.00 | ≦7.23 | Pass |
| 11 | 2462 | -6.70 | ≦7.23 | Pass |

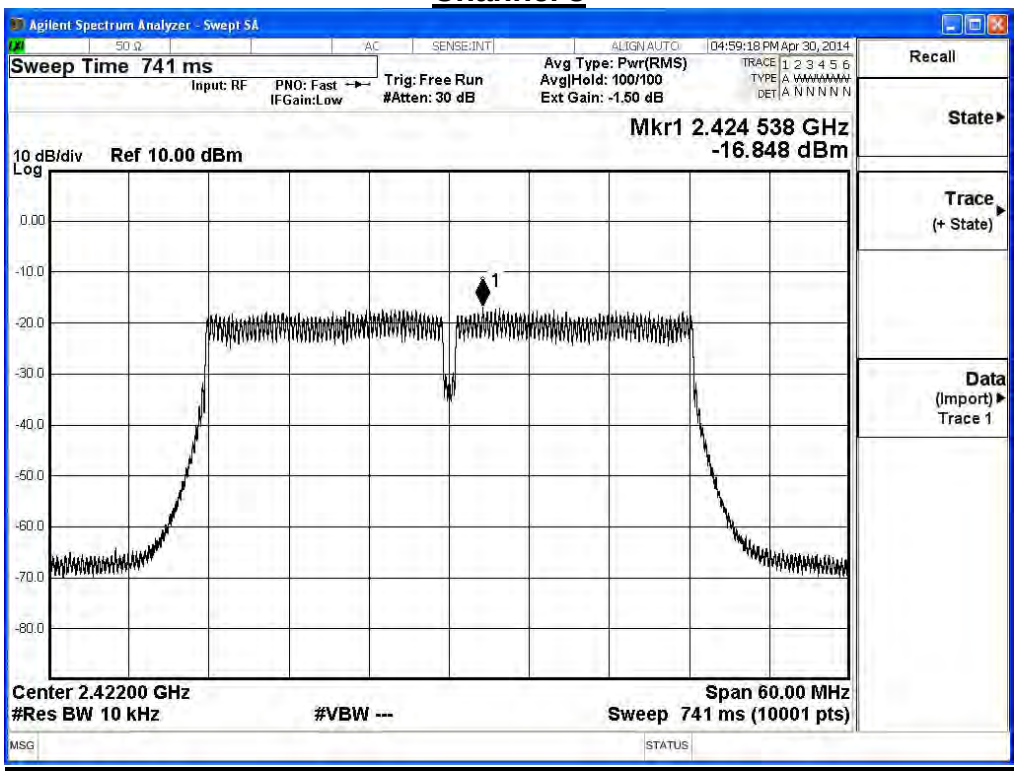
Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/30 | Test Site | SR7 |

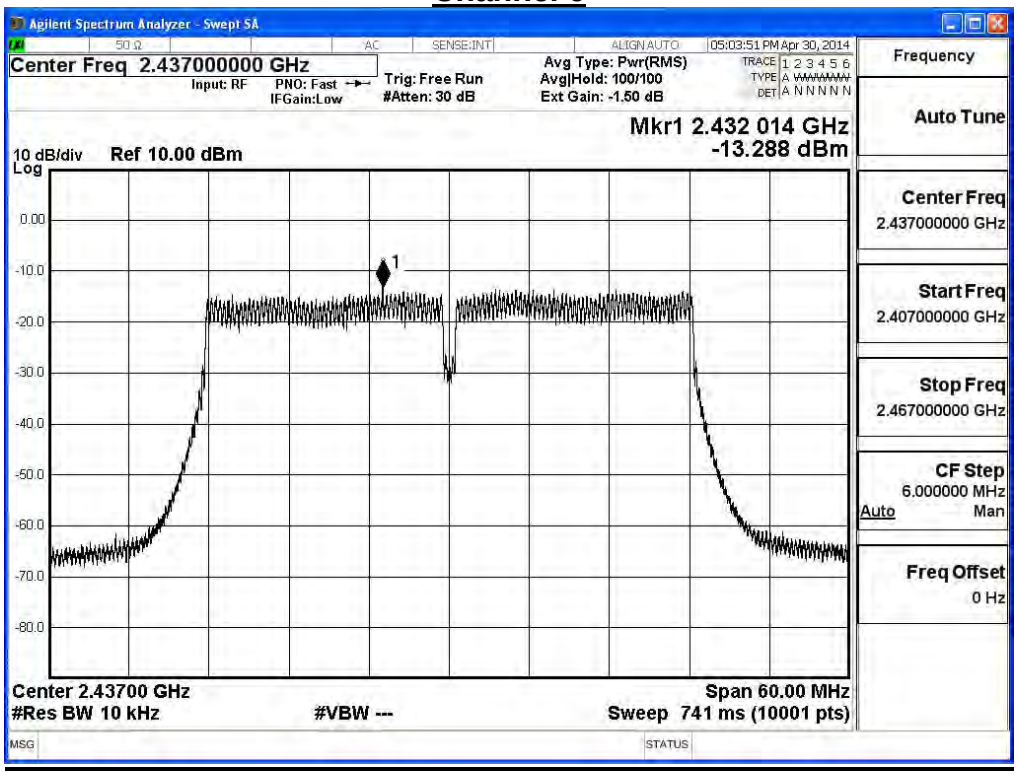
| IEEE802.11n_40MHz, ANT 0 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 3 | 2422 | -16.848 | ≦7.23 | Pass |
| 6 | 2437 | -13.288 | ≦7.23 | Pass |
| 9 | 2452 | -14.507 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

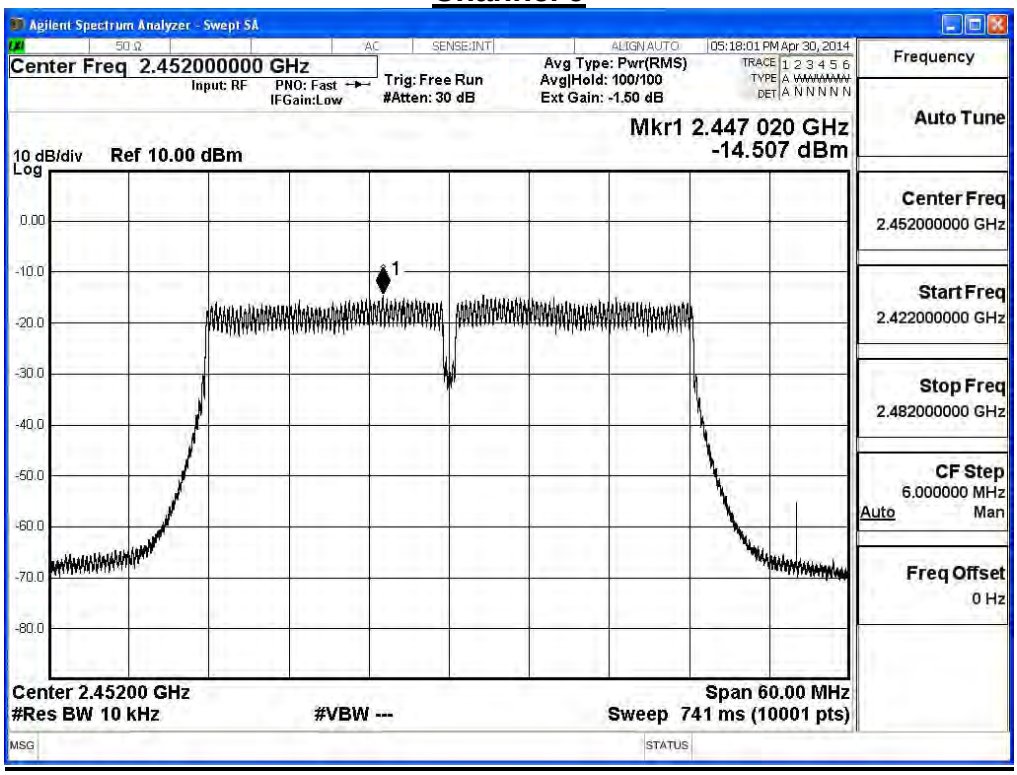
**Channel 3**



## Channel 6




## Channel 9

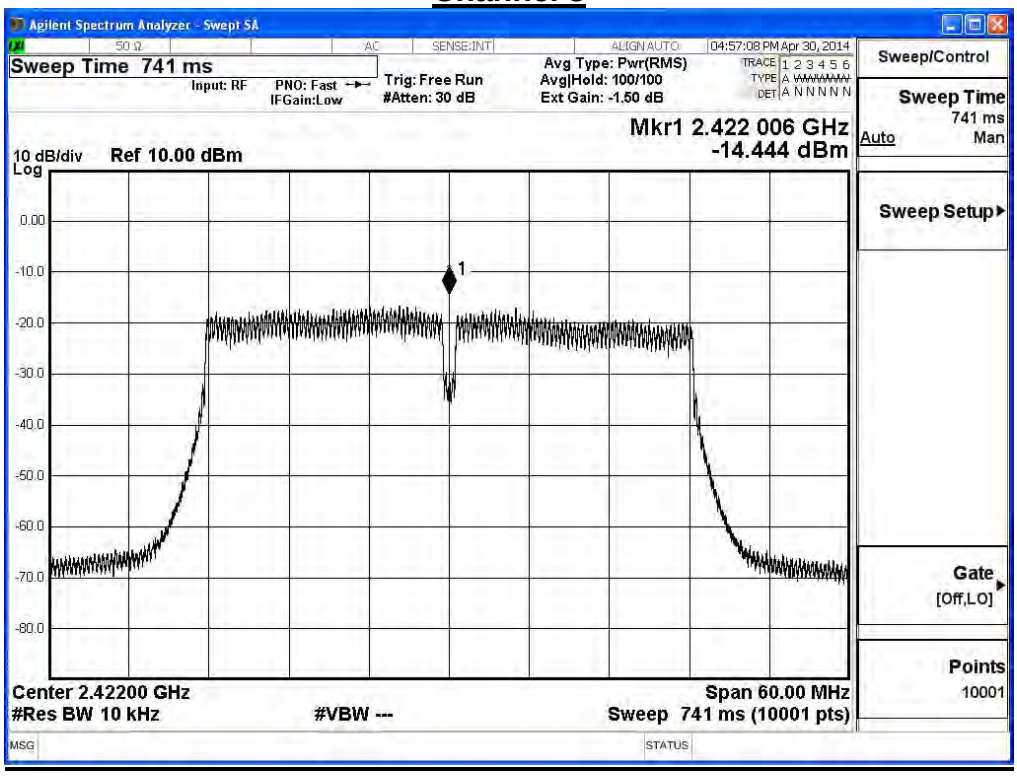


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/30 | Test Site | SR7 |

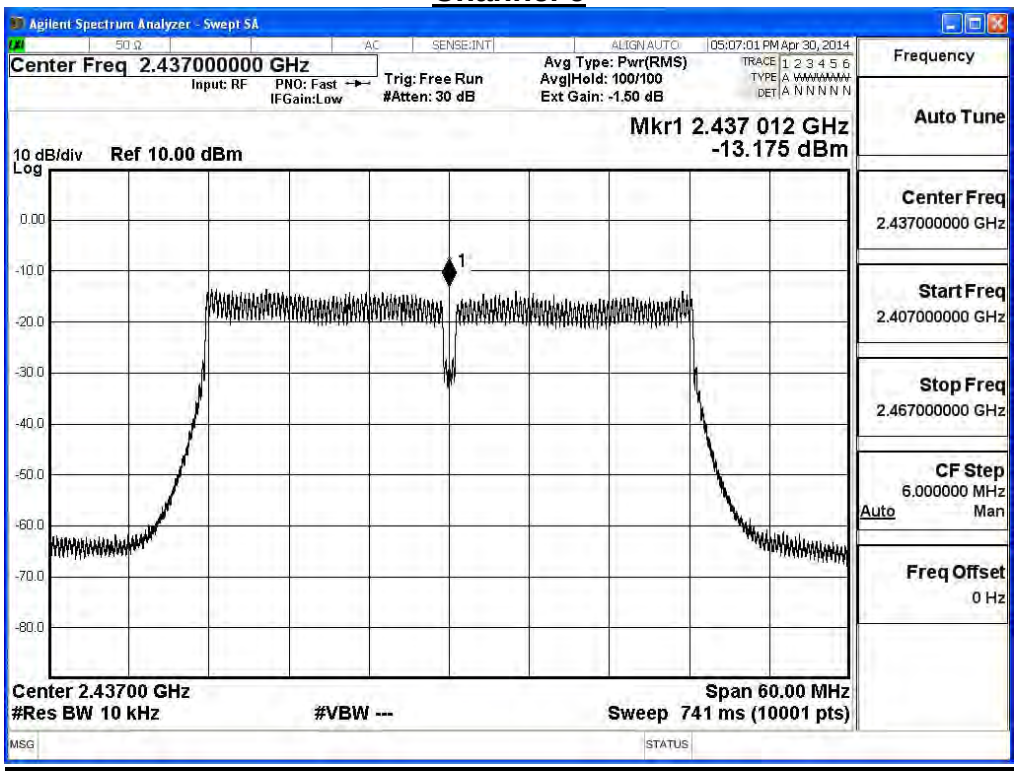
| IEEE802.11n_40MHz, ANT 1 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 3 | 2422 | -14.444 | ≦7.23 | Pass |
| 6 | 2437 | -13.175 | ≦7.23 | Pass |
| 9 | 2452 | -14.570 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

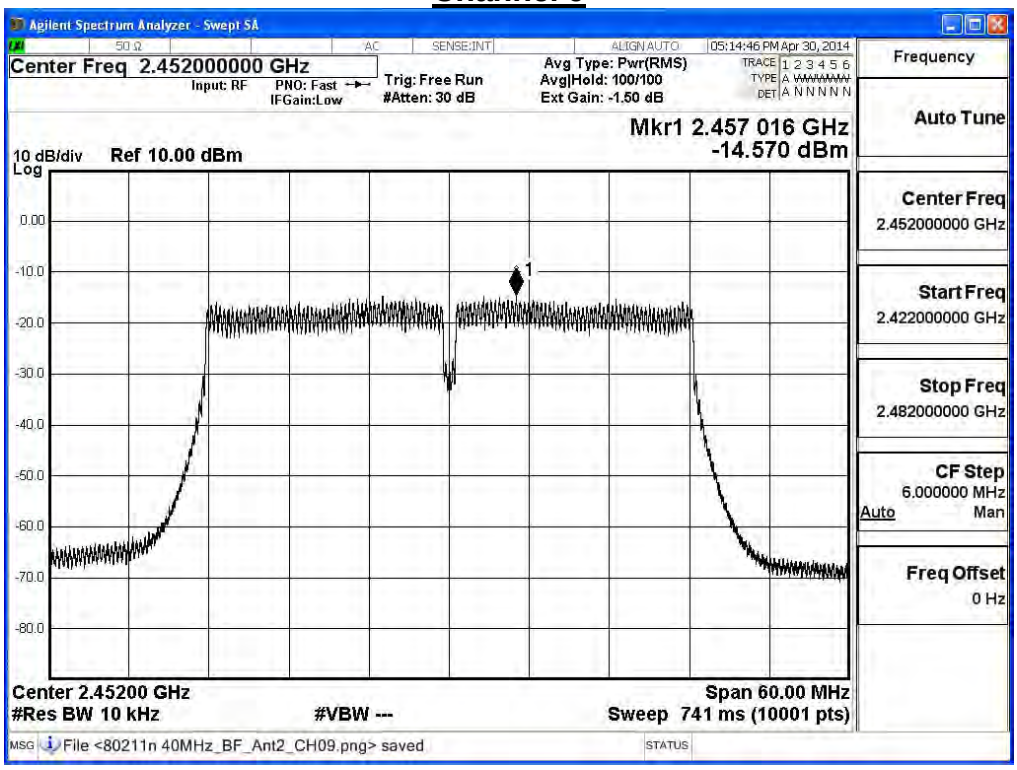
**Channel 3**



## Channel 6




## Channel 9

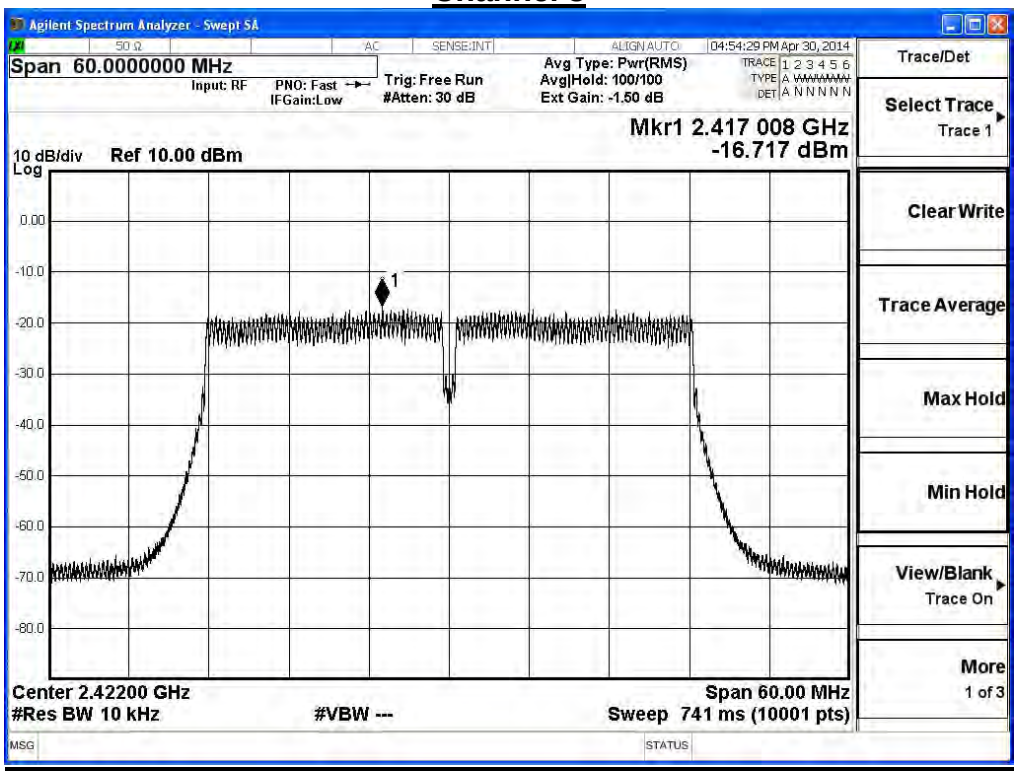


| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/30 | Test Site | SR7 |

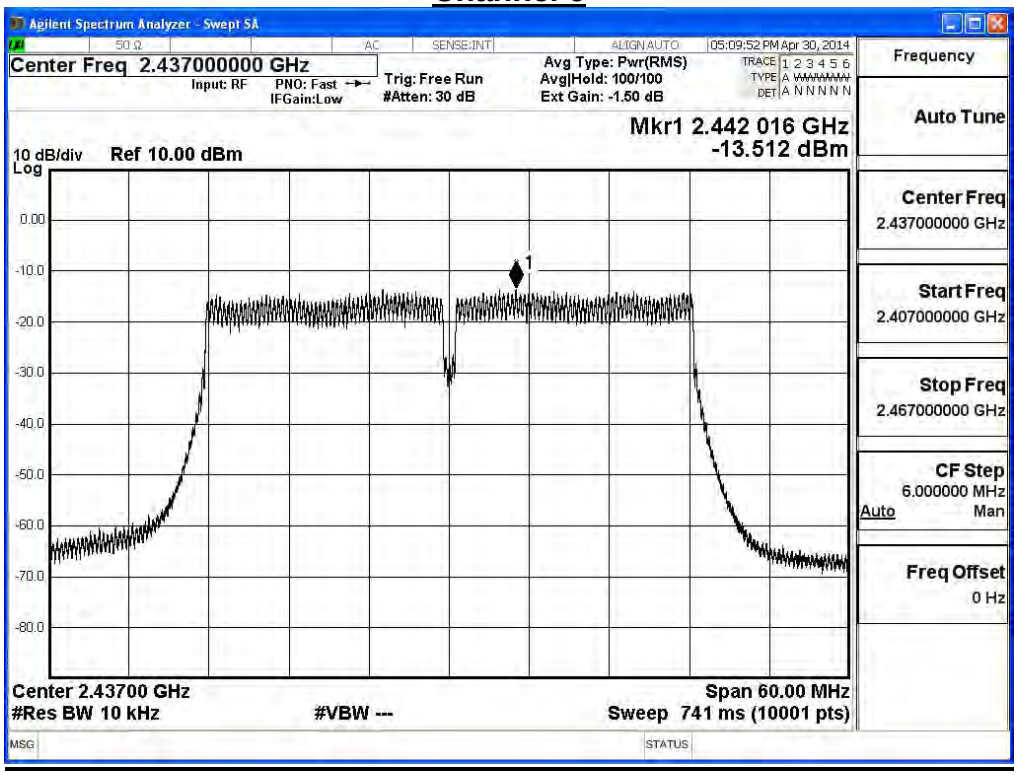
| IEEE802.11n_40MHz, ANT 2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 3 | 2422 | -16.717 | ≦7.23 | Pass |
| 6 | 2437 | -13.512 | ≦7.23 | Pass |
| 9 | 2452 | -14.570 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm

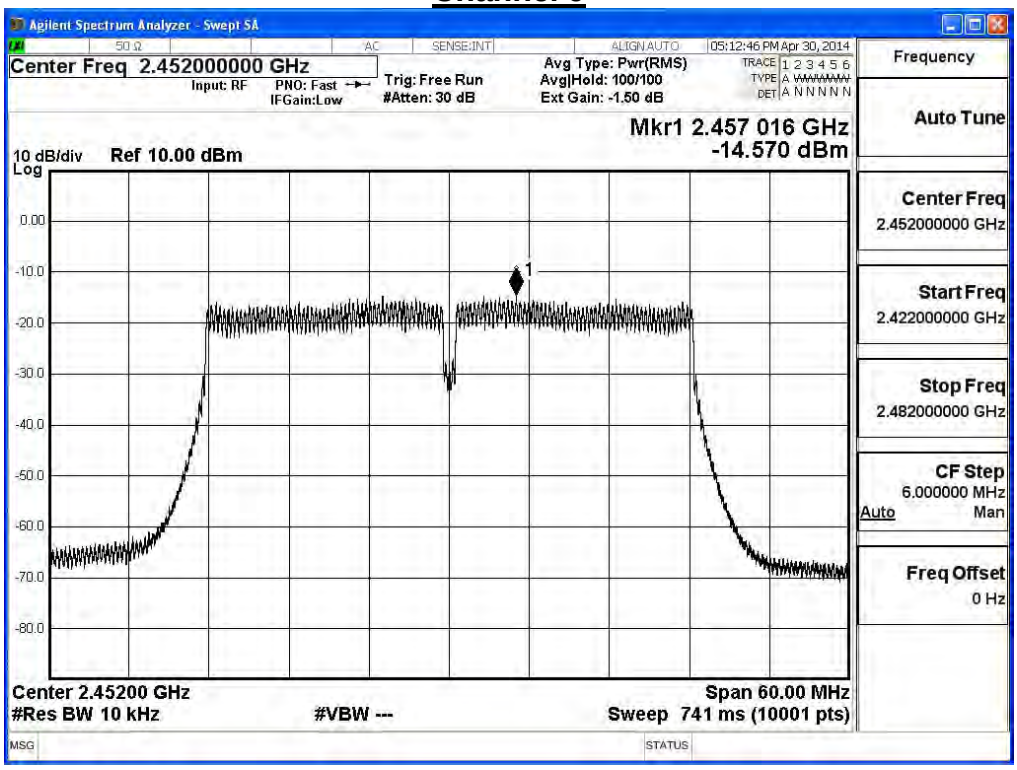
**Channel 3**



## Channel 6




## Channel 9



| | | | |
|---|---|---|---|
| Product | Wireless HD Day/Night Cloud Camera | | |
| Test Item | Power Density | | |
| Test Mode | Mode2: Transmit_Beamforming Mode(Adapter:CWT,CAP018121) | | |
| Date of Test | 2014/04/30 | Test Site | SR7 |

| IEEE802.11n_40MHz, ANT 0+1+2 | | | | |
|---|---|---|---|---|
| Channel No. | Frequency (MHz) | Measure Level (dBm) | Limit (dBm) | Result |
| 3 | 2422 | -11.080 | ≦7.23 | Pass |
| 6 | 2437 | -8.550 | ≦7.23 | Pass |
| 9 | 2452 | -9.780 | ≦7.23 | Pass |

Note:
Measure Level =Reading value + cable loss
Directional Antenna Gain = 10log(3)+ Antenna Gain = 6.77dBi
Required Limit = 8dBm - (6.77dBi - 6dB ) = 8 – 0.77 = 7.23 dBm